

(12) United States Patent Lulla et al.

12/1974 Phillipps et al.

6/1975 Phillipps et al.

9/1976 Phillipps et al. 11/1976 Phillipps et al. 6/1978 Phillipps et al.

9/1978 Kamano et al.

Alvarez

2/1980 Edwards

2/1980 Edwards

9/1980 Bodor et al.

4/1980

8/1974 May et al.

3,828,080 A

3,856,828 A

3,891,631 A

3,981,894 A

3,989,686 A

4,093,721 A

4,113,680 A 4,187,301 A 4,188,385 A

4,198,403 A

4,221,787 A

US 8,168,620 B2 (10) **Patent No.:** (45) Date of Patent: May 1, 2012

(54)	COMBINA	ATION OF AZELASTINE AND	4,261,984 A	4/1981	Alvarez
()	STEROIDS		4,263,289 A		Edwards
	SILKOID	5	4,267,173 A		Draper
(75)	Inventore	Amar Lulla Mumboi (IN): Coona	4,285,937 A		Kalvoda
(13)	mvemors.	Amar Lulla, Mumbai (IN); Geena	4,310,466 A		Edwards
		Malhotra, Mumbai (IN)	4,335,121 A		Phillipps et al.
			4,377,575 A		Stache et al.
(73)	Assignee:	CIPLA Limited, Mumbai (IN)	4,472,393 A	9/1984	Shapiro Schmidlin
	_		4,607,028 A 4,710,495 A	12/1987	
(*)	Notice:	Subject to any disclaimer, the term of this	4,861,765 A		Mitsukuchi et al.
()		patent is extended or adjusted under 35	4,992,474 A		Skidmore et al.
		U.S.C. 154(b) by 987 days.	4,994,439 A		Longenecker et al.
		0.5.C. 134(b) by 987 days.	4,996,335 A	2/1991	Bodor
(01)	. 137	40/240 047	5,063,222 A		Komoto et al.
(21)	Appl. No.:	10/518,016	5,081,113 A	1/1992	Claussner et al.
			5,164,194 A		Hettche
(22)	PCT Filed:	Jun. 13, 2003	5,202,316 A		Claussner et al.
			5,232,919 A		Scheffler et al.
(86)	PCT No.:	PCT/GB03/02557	5,271,946 A		Hettche
` /			5,362,721 A		Stache et al.
	§ 371 (c)(1),	5,420,120 A 5,608,093 A		Boltralik Stache et al.
	(2), (4) Dat	te: Jul. 6, 2005	5,658,549 A		Akehurst et al.
	, , , , ,		5,658,919 A		Ratnaraj et al.
(87)	PCT Pub. N	No.: WO03/105856	5,707,984 A		Tjoeng et al.
()			5,837,699 A	11/1998	Sequeira et al.
	PCT Pub. I	Date: Dec. 24, 2003	5,849,265 A		Li-Bovet et al.
			5,889,015 A	3/1999	Sequeira et al.
(65)		Prior Publication Data	5,914,122 A	6/1999	Otterbeck et al.
	TTG 2006/0	005201 A1		(Con	tinued)
	US 2006/0	025391 A1 Feb. 2, 2006		`	,
(20)					
(20)		1	FOREI	GN PATE	NT DOCUMENTS
(30)	Fo	oreign Application Priority Data			NT DOCUMENTS
•		•		44799 B2	12/2003
•	Fo n. 14, 2002	(GB) 0213739.6		44799 B2	
Ju	n. 14, 2002	•	AU 20032	44799 B2 (Con	12/2003 tinued)
•	n. 14, 2002 Int. Cl.	(GB) 0213739.6	AU 20032	44799 B2 (Con	12/2003
Ju	n. 14, 2002 Int. Cl. <i>A01N 45/0</i>	(GB) 0213739.6 0 (2006.01)	AU 20032	44799 В2 (Con ГНЕR PU	12/2003 tinued) BLICATIONS
Ju	n. 14, 2002 Int. Cl.	(GB) 0213739.6 0 (2006.01)	AU 20032- O' preservative. (n.d.) D	44799 B2 (Con ΓHER PU Jorland's M	12/2003 tinued) BLICATIONS Iedical Dictionary for Health Con-
Ju	n. 14, 2002 Int. Cl. <i>A01N 45/0</i>	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri	44799 B2 (Con ΓHER PU orland's M eved Nov.	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con-4, 2009 from http://medical-dictio-
Ju	n. 14, 2002 Int. Cl. <i>A01N 45/0</i> <i>A61K 31/5</i>	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri nary.thefreedictionary	(Con (HER PU orland's M eved Nov. y.com/prese	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con- 4, 2009 from http://medical-dictio- ervative.*
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T	(Con THER PU Porland's M eved Nov. y.com/prese The Americ	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con-4, 2009 from http://medical-dictio-crvative.* an Heritage® Medical Dictionary.
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N	(Con THER PU Porland's Meved Nov. y.com/prese The Americ Tov. 4, 200	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con-4, 2009 from http://medical-dictio-crvative.* an Heritage® Medical Dictionary. 99 from http://medical-dictionary.
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com	(Con THER PU Porland's Meved Nov. y.com/prese The Americ Tov. 4, 200 n/preservati	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con-4, 2009 from http://medical-dictio-crvative.* an Heritage® Medical Dictionary. 09 from http://medical-dictionary. ve.*
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M	(Con THER PU Porland's Meved Nov. Scom/prese The Americ Tov. 4, 200 Depreservations of the Americal Conference of the Americal Conference of the American Co	12/2003 tinued) BLICATIONS ledical Dictionary for Health Con-4, 2009 from http://medical-dictio-rvative.* an Heritage® Medical Dictionary. by from http://medical-dictionary. ve.* lical Dictionary, 8th edition. (2009).
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 27/1	(GB)	AU 200324 O' preservative. (n.d.) D' sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov.	(Con THER PU torland's Meved Nov. com/prese he Americ fov. 4, 200 h/preservati osby's Med 4, 2009	tinued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictio-prvative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 11 ve.* 12/2003 12/2003 12/2003 12/2003 13 ve.* 14 ve.* 15 ve.* 16 ve.* 17 ve.* 18 ve.* 19 from http://medical-dictionary.
Ju. (51)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 27/1 A61P 11/0	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.con preservative. (n.d.) M Retrieved Nov. thefreedictionary.con	(Con THER PU torland's Meved Nov. y.com/prese he Americ fov. 4, 200 h/preservati osby's Med 4, 2009 h/preservati	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- cryative.* an Heritage® Medical Dictionary. 10 from http://medical-dictionary. 11 ve.* Itical Dictionary, 8th edition. (2009). 12 from http://medical-dictionary. 13 ve.*
Ju	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl	(GB)	preservative. (n.d.) D sumers. (2007). Retrinary.thefreedictionary preservative. (n.d.) T (2007). Retrieved Nov. thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline On	(Con THER PU orland's Meved Nov. com/prese he Americ fov. 4, 200 n/preservati osby's Med 4, 2009 n/preservati lline! US Na	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- revative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 110 ve.* Itical Dictionary, 8th edition. (2009). from http://medical-dictionary. 110 ve.* Itical Dictionary of Medicine (NLM),
Ju. (51)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl	(GB)	preservative. (n.d.) Desumers. (2007). Retrieved Nov. thefreedictionary.compreservative. (n.d.) Metrieved Nov. thefreedictionary.compatabase Medline On Bethesda, MD, US: 2	(Con THER PU orland's Meved Nov. y.com/prese he Americ fov. 4, 200 n/preservati osby's Med 4, 2009 n/preservati lline! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- creative.* an Heritage® Medical Dictionary. 10 from http://medical-dictionary. 11 ive.* 12 ical Dictionary, 8th edition. (2009). 13 from http://medical-dictionary. 14 ive.* 15 ical Dictionary of Medicine (NLM), 16 ical Dictionary of Medicine (NLM), 17 ican D et al: Acceptability of local
Ju (51)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl	(GB)	AU 200324 O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic	(Con THER PU torland's Meved Nov. v.com/prese he Americ fov. 4, 200 n/preservati osby's Med 4, 2009 n/preservati line! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- cryative.* an Heritage® Medical Dictionary. 99 from http://medical-dictionary. ve.* lical Dictionary, 8th edition. (2009). from http://medical-dictionary. ve.* ational Library of Medicine (NLM), nann D et al: Acceptability of local vith a combination of a corticoid
Ju (51)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl	(GB)	preservative. (n.d.) Desumers. (2007). Retrieved Nov. thefreedictionary.com preservative. (n.d.) Metrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and	(Con THER PU torland's Meved Nov. v.com/prese he Americ fov. 4, 200 n/preservati osby's Med 4, 2009 n/preservati line! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- creative.* an Heritage® Medical Dictionary. 10 from http://medical-dictionary. 11 ive.* 12 ical Dictionary, 8th edition. (2009). 13 from http://medical-dictionary. 14 ive.* 15 ical Dictionary of Medicine (NLM), 16 ical Dictionary of Medicine (NLM), 17 ican D et al: Acceptability of local
Ju. (51) (52) (58)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl	(GB)	AU 200324 O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic	(Con THER PU torland's Meved Nov. v.com/prese he Americ fov. 4, 200 n/preservati osby's Med 4, 2009 n/preservati line! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- cryative.* an Heritage® Medical Dictionary. 99 from http://medical-dictionary. ve.* lical Dictionary, 8th edition. (2009). from http://medical-dictionary. ve.* ational Library of Medicine (NLM), nann D et al: Acceptability of local vith a combination of a corticoid
Ju (51)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl	(GB)	preservative. (n.d.) Desumers. (2007). Retrieved Nov. thefreedictionary.com preservative. (n.d.) Metrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and	(Con THER PU Porland's Meved Nov. Com/prese The Americ Tov. 4, 200 h/preservati Osby's Med 4, 2009 h/preservati Line! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- cryative.* an Heritage® Medical Dictionary. 99 from http://medical-dictionary. ve.* lical Dictionary, 8th edition. (2009). from http://medical-dictionary. ve.* ational Library of Medicine (NLM), nann D et al: Acceptability of local vith a combination of a corticoid
Ju. (51) (52) (58)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl See applica	(GB)	preservative. (n.d.) Desumers. (2007). Retrieved Nov. thefreedictionary.com preservative. (n.d.) Metrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and	(Con THER PU Porland's Meved Nov. Com/prese The Americ Tov. 4, 200 h/preservati Osby's Med 4, 2009 h/preservati Line! US Na 2000 Portm	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- cryative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medi
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl Field of Cl See applica	(GB)	AU 200324 O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279.	(Con THER PU Porland's Meved Nov. Scom/prese The Americ Tov. 4, 200 h/preservati Osby's Med 4, 2009 h/preservati Line! US Na 2000 Portm of the Americ And the American Servati Line! US Na 2000 Portm of the American Intelligence of the Intelligence o	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- crvative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medi
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl. See applica	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline Om Bethesda, MD, US: treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner	(Con THER PU THER PU Torland's Meved Nov. Ty.com/prese The Americ Tov. 4, 200 Typreservati Typreservati The US Na Typreservati The US Na Typreservati Typreservat	12/2003 timued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://m
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 9/00 A61P 27/1 A61P 11/0 U.S. Cl Field of Cl. See applica U.S. 2,837,464 A 3,067,197 A	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. of thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner Assistant Examiner	(Con THER PU THER PU Torland's Meved Nov. Ty.com/prese The Americ Tov. 4, 200 Typreservati Typre	12/2003 timued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictio-ervative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http:
Ju. (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl Field of Cl See applica U.3. 2,837,464 A 3,067,197 A 3,312,590 A	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. of thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner Assistant Examiner (74) Attorney, Age	(Con THER PU THER PU Torland's Meved Nov. Ty.com/prese The Americ Tov. 4, 200 Typreservati Typre	12/2003 timued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://m
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl Field of Cl. See applica U.3. 2,837,464 A 3,067,197 A 3,312,590 A 3,506,694 A	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. of thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner Assistant Examiner	(Con THER PU THER PU Torland's Meved Nov. Ty.com/prese The Americ Tov. 4, 200 Typreservati Typre	12/2003 timued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictio-ervative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http:
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl Field of Cl See applica U.S. 2,837,464 A 3,067,197 A 3,312,590 A 3,506,694 A 3,557,162 A	(GB)	AU 20032- O' preservative. (n.d.) D sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner Assistant Examiner (74) Attorney, Age B. Carroll	(Con THER PU THER PU Torland's Meved Nov. Sy.com/preservation (Sov. 4, 2009 A/preservation A/pre	tinued) BLICATIONS Idedical Dictionary for Health Con- 4, 2009 from http://medical-dictio- revative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary.
Ju (51) (52) (58) (56)	n. 14, 2002 Int. Cl. A01N 45/0 A61K 31/5 A61K 31/5 A61K 31/5 A61K 9/00 A61P 37/0 A61P 11/0 U.S. Cl Field of Cl. See applica U.3. 2,837,464 A 3,067,197 A 3,312,590 A 3,506,694 A	(GB)	AU 20032- O' preservative. (n.d.) E sumers. (2007). Retri nary.thefreedictionary preservative. (n.d.) T (2007). Retrieved N thefreedictionary.com preservative. (n.d.) M Retrieved Nov. of thefreedictionary.com Database Medline On Bethesda, MD, US: 2 treatment of allergic (beclomethasone) and 2000, pp. 273-279. Primary Examiner Assistant Examiner (74) Attorney, Age	(Con THER PU THER PU Torland's Meved Nov. Sy.com/preservation (Sov. 4, 2009 A/preservation A/pre	12/2003 timued) BLICATIONS Idedical Dictionary for Health Con-4, 2009 from http://medical-dictio-ervative.* an Heritage® Medical Dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http://medical-dictionary. 108 from http://medical-dictionary. 109 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 100 from http://medical-dictionary. 101 from http://medical-dictionary. 101 from http://medical-dictionary. 102 from http://medical-dictionary. 103 from http://medical-dictionary. 104 from http://medical-dictionary. 105 from http://medical-dictionary. 107 from http://medical-dictionary. 108 from http:

ABSTRACT (57)

A pharmaceutical product or formulation, which comprises azelastine or a pharmaceutically acceptable salt, solvate or physiologically functional derivative thereof, and a steroid, or a pharmaceutically acceptable salt, solvate or physiologically functional derivative thereof, preferably the product or formulation being in a form suitable for nasal or ocular administration.

48 Claims, No Drawings