

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
24 November 2011 (24.11.2011)



(10) International Publication Number
WO 2011/144326 A3

(51) International Patent Classification:
A61M 15/00 (2006.01)

(21) International Application Number:
PCT/EP2011/002462

(22) International Filing Date:
18 May 2011 (18.05.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/345,763 18 May 2010 (18.05.2010) US
61/417,659 29 November 2010 (29.11.2010) US

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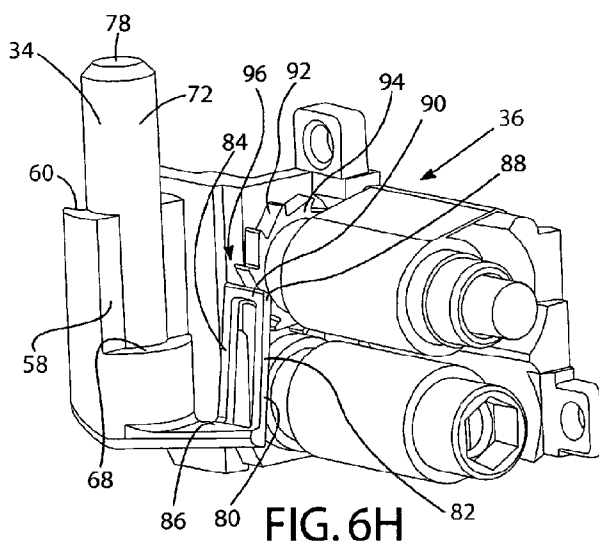
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PF, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,

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(54) Title: DOSE COUNTERS FOR INHALERS, INHALERS AND SHAFTS THEREOF



(57) Abstract: A manually operated measured dose inhaler (12) includes a dose counter chamber (66) including a dose display tape (112) driven by a ratchet wheel (94) which is driven in turn by an actuator pawl (80), actuated by movement of a canister (20); two-step ribs (144, 146) being provided to prevent rocking of the canister (20); a drain hole (194) being provided for preventing misting of a display window (118); and frictional surfaces (132, 134) being provided on a shaft (108) of a tape stock bobbin (110) to prevent tape slippage; a rotation regulator being provided for the stock bobbin and comprising a wavelike engagement surface (300) with concavities (302) which engage against control elements (128, 130) in the form of protrusions on resilient forks of a split pin (108) thereby permitting incremental unwinding of the stock bobbin yet resisting excessive rotation if the inhaler is dropped onto a hard surface.