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- of inventorship (Rule 4.17(iv))

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(54) **Title:** INDICATION OF USE OF ERDOSTEINE AS ANTIDOTE IN A LARGE NUMBER OF INTOXICATIONS, ESPECIALLY IN HEAVY METALS LIKE LEAD OR MERCURY, AND PARACETAMOL

(57) **Abstract:** Indication of use of erdosteine as antidote in a large number of intoxications, especially in heavy metals like lead or mercury, and paracetamol. Indication of use of erdosteine as prophylaxis for intoxications. Erdosteine can be administered per os or intravenous, using a solution obtained with sodium hydrogen carbonate and bidistilled water.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K31/381 A61P39/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KUVANDIK GUVEN ET AL: "Effects of erdosteine on acetaminophen-induced hepatotoxicity in rats." TOXICOLOGIC PATHOLOGY 2008 LNKD-PUBMED:18648099, vol. 36, no. 5, 22 July 2008 (2008-07-22), pages 714-719, XP002583276 ISSN: 1533-1601	1, 3, 5-8
Y	page 715, left-hand column, paragraph 1 ----- -/--	4, 7

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MORETTI M ET AL: "An overview of erdosteine antioxidant activity in experimental research" PHARMACOLOGICAL RESEARCH 200704 GB LNKD-DOI:10.1016/J.PHRS.2006.12.006, vol. 55, no. 4, April 2007 (2007-04), pages 249-254, XP002583277	1,3,5-8
Y	page 250, right-hand column, last paragraph - page 251, left-hand column, paragraph 1	4,7
X	ISIK BUNYAMIN ET AL: "Erdosteine against acetaminophen induced renal toxicity." MOLECULAR AND CELLULAR BIOCHEMISTRY JUL 2006 LNKD- PUBMED:16532256, vol. 287, no. 1-2, July 2006 (2006-07), pages 185-191, XP002583278 ISSN: 0300-8177	1,3,5-8
Y	abstract	4,7
A	Anonymous: "The Merck Manual of Diagnosis and Therapy - Eighteenth Edition" 2006, Merck Research Laboratories , XP002583293 page 2668 - page 2671 page 2686 - page 2687	1-9