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Declarations under Rule 4.17:

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

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(54) Title: PROCESS FOR PREPARATION OF DEXTROROTATORY ISOMER OF 6-(5-CHLORO-PYRID-2-YL)-5-[(4-METHYL -1-PIPERAZINYL) CARBONYLOXY]-7-OXO-6,7-DIHYDRO-5H-PYRROLO [3,4-B] PYRAZINE (ESZOPICLONE)

(57) Abstract: Disclosed herein is the process for preparation of 6-(5-chloro-pyrid-2-yl)-5-[(4-methyl-1-piperazinyl) carbonyloxy]-7-oxo-6,7-dihydro-5H-pyrrolo [3,4-b] pyrazine (Zopiclone), its resolution to get the dextrorotatory isomer of formula (I) substantially free of R (-) enantiomer and recovery of key raw material i.e. 6-(5-chloro pyrid-2-yl)-5-hydroxy-7-oxo-5,6-dihydropyrrolo [3,4-b] pyrazine from the R-isomer of Zopiclone followed by conversion of the recovered compound to get pure Eszopiclone (I) in high yield and high purity.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IN2008/000487

A. CLASSIFICATION OF SUBJECT MATTER
INV. C07D487/04

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)
C07D

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, BEILSTEIN Data, CHEM ABS Data, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	the whole document	1-19
Y	WO 92/12980 A (RHONE POULENC RORER SA [FR]) 6 August 1992 (1992-08-06) cited in the application the whole document	1-19
A	example 1	20
A	US 3 862 149 A (COTREL CLAUDE ET AL) 21 January 1975 (1975-01-21) cited in the application example 1	1-19
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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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.
A	JEANMART CLAUDE ET AL: "Synthesis of 6-(5-chloropyrid-2-yl)-5-(4-methylpiperazi n-1- yl)carbonyloxy-7-oxo-6,7-dihydro-5H-pyrrol o[3,4-b]pyrazine" COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES. VIEACADEMIQUE, GAUTHIER-VILLARS, PARIS, FR, vol. 287, no. 9, 1 January 1978 (1978-01-01), pages 377-378, XP009091717 ISSN: 0249-6321 the whole document	1-19
E	WO 2008/126105 A (MATRIX LAB LTD [IN]; TYAGI OM DUTT [IN]; SRIVASTAVA TUSHAR KUMAR [IN];) 23 October 2008 (2008-10-23) the whole document	1-20

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