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(54) Title: PROCESSES FOR PREPARING METFORMIN HYDROCHLORIDE

(57) Abstract: A process for reducing dimethylamine content in metformin hydrochloride is disclosed. The process comprises: (a) providing metformin hydrochloride having dimethylamine content more than 15 ppm; (b) pulverizing the metformin hydrochloride; (c) slurrying the metformin hydrochloride in one or more Cj-C4 alcohol solvents; and (d) isolating the metformin hydrochloride.
# INTERNATIONAL SEARCH REPORT

**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

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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)

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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, WPI Data, BEILSTEIN Data, CHEM ABS Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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<td>FR 2 322 860 A1 (ARON SARL [FR] ARON SA [FR]) 1 April 1977 (1977-04-01) page 2, line 32 - line 33; claim 1</td>
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| X        | DATABASE WPI Week 2010002 Thomson Scientific, London, GB; AN 2009-S18009 XP002613076, & IN 189 077 B (PANCHAGNULA S M) 14 December 2002 (2002-12-14) abstract | 5-9, 24-28 |

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

**Date of the actual completion of the international search**

7 December 2010

**Date of mailing of the international search report**

16/12/2010

**Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax (+31-70) 340-3016**

**Authorized officer**

Voyiazoglou, D

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