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ning of each regular issue of the PCT Gazette.

(54) Title: LOW TEMPERATURE PRODUCTION OF 1-CHLORO-3, 3,3-TRIFLUOROPROPENE (HCFC-1233zd)

(57) Abstract: A process for producing 1-chloro-3, 3,3-trifluoropropene (HCFC-1233zd) from 1,1,1,3,3-pentachloropropene (HCC-240fa) by its reaction with hydrogen fluoride, the reactants are reacted in a liquid phase reaction at a temperature of less than 150° C in the presence of a Lewis acid catalyst or mixture of Lewis acid catalysts, and hydrogen chloride and HCFC-1233zd formed in the reaction are continuously removed and the HCFC-1233zd is isolated.



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INTERNATIONAL SEARCH REPORT

US2004/025442

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C17/25 C07C21/18

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)

IPC 7 C07C

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, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 023 004 A (THENAPPAN ALAGAPPAN ET AL) 8 February 2000 (2000-02-08) column 1, line 8 - line 13 column 2, line 15 - line 49 column 3, line 3 - line 28 column 3, line 43 - line 60 column 4, line 66 - column 5, line 30 -----	1-12
X	US 6 362 383 B1 (JANSSENS FRANCINE ET AL) 26 March 2002 (2002-03-26) cited in the application column 1, line 6 - line 28 column 1, line 37 - line 49 column 3, line 15 - line 20 column 3, line 38 - column 4, line 4 column 4, line 33 - column 5, line 7 column 5, line 38 - line 43 column 5, line 55 - line 61; claims 1,6,7,13-15; examples 1,2 -----	1-12

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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