



- (51) **International Patent Classification:**
C07C 41/24 (2006.01) *C07C 43/17* (2006.01)
- (21) **International Application Number:**
PCT/EP2012/051730
- (22) **International Filing Date:**
2 February 2012 (02.02.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
11153426.9 4 February 2011 (04.02.2011) EP
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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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.

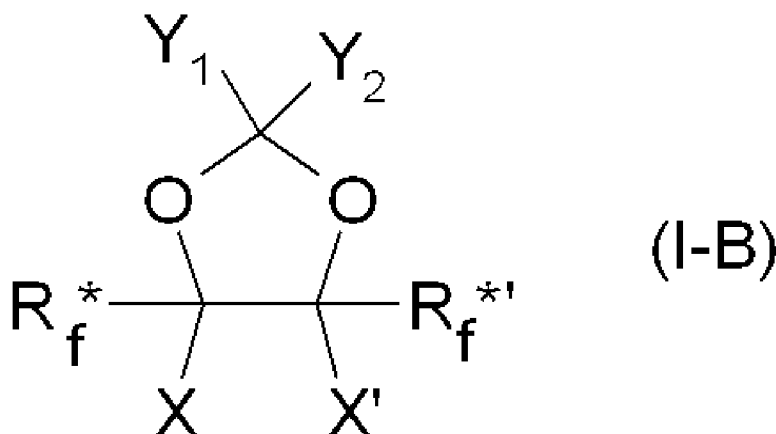
(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) **Date of publication of the international search report:**
4 October 2012

(54) **Title:** METHOD FOR MANUFACTURING PERFLUOROVINYLETHERS



(57) **Abstract:** The invention pertains to a process for the manufacture of a perfluorovinylether by hydrodehalogenation of a halo-fluoroether (HFE) having general formula (I-A) or (I-B): $R_fO-CR_f^*X-CR_f^{*'}X'$ (I-A) wherein R_f represents a C_1-C_6 perfluoro(oxy)alkyl group; R_f^* , $R_f^{*'}$ and $R_f^{*''}$, equal or different from each other, independently represent fluorine atoms or C_1-C_5 perfluoro(oxy)alkyl groups; X and X' , equal or different from each other, are independently chosen among Cl, Br or I; formula (I-B) wherein R_f^* and $R_f^{*'}$, equal or different from each other, independently represent fluorine atoms or C_1-C_3 perfluoro(oxy)alkyl groups; Y_1 and Y_2 , equal or different from each other, independently represent fluorine atoms or C_1-C_3 perfluoroalkyl groups; X and X' are as above defined; said process comprising contacting said halo-fluoroether (HFE) with hydrogen in the presence of a catalyst comprising palladium and at least one transition metal (M) selected from the group consisting of the metals of group VIII B, other than palladium, and of group IB.



INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2012/051730

A. CLASSIFICATION OF SUBJECT MATTER

INV. C07C41/24 C07C43/17
ADD.

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)

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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2009/150091 A1 (SOLVAY SOLEXIS SPA [IT]; MILLEFANTI STEFANO [IT]; TORTELLI VITO [IT];) 17 December 2009 (2009-12-17) cited in the application * examples *	1-13
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Date of the actual completion of the international search

27 July 2012

Date of mailing of the international search report

16/08/2012

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INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2012/051730

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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