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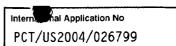
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(54) Title: MEMBRANES OF FLUORINATED IONOMER BLENDED WITH NONIONOMERIC FLUOROPOLYMERS FOR ELECTROCHEMICAL CELLS

(57) Abstract: Blends of fluorinated ionomer with at least two nonionomeric fluoropolymers provide fuel cell membranes whose tensile strength and conductivity are superior to blends using a single fluoropolymer.

INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER H01M8/10 C08J C08J5/22 B01D71/32 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) H01M C08J B01D 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, CHEM ABS Data, COMPENDEX, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No χ EP 0 345 964 A (IMPERIAL CHEMICAL 1-6,9-12INDUSTRIES PLC) 13 December 1989 (1989-12-13) cited in the application page 2, lines 1,2,13-16,32-50 page 3, lines 7-33,49-52 page 4, lines 27-30,47-54 page 5, lines 1,2,10-15,25-27,42-45 page 6, lines 2-23,28-32,53-57 page 7, lines 7-9 claims 1-7,9,10,13-20Y EP 1 323 744 A (SOLVAY SOLEXIS S.P.A) 1-6,9-122 July 2003 (2003-07-02) 2 July 2003 (2003 6, 22) paragraphs '0001!, '0016!, '0020! '0023! '0025!, '0027!, '0030! '0020!, claims 1,5,6,8,10-12,14-/--Patent family members are listed in annex. X Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or pnority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "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 docu-"O" document referring to an oral disclosure, use, exhibition or nents, such combination being obvious to a person skilled document published prior to the international filing date but "&" document member of the same patent family later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 6 February 2006 03/03/2006 Authorized officer Name and mailing address of the ISA European Patent Office, P B 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx 31 651 epo nl, Fax (+31–70) 340–3016

Langouët, S

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