

Title (en)  
HYDROXYLATED PERFLUOROALKYL POLYETHERS, PROCESS FOR THEIR PREPARATION AND APPLICATION IN THE SYNTHESIS OF POLYURETHANE MATERIALS.

Title (de)  
HYDROXYKIERTE PERFLUORALKYLPOLYESTER, VERFAHREN ZUR HERSTELLUNG UND ANWENDUNG IN DER SYNTHESE VON POLYURETHANMATERIAL.

Title (fr)  
POLYETHERS PERFLUOROALKYLES HYDROXYLES, PROCEDE DE PREPARATION ET APPLICATION A LA SYNTHESE DE MATERIAUX POLYURETHANES.

Publication  
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Application  
**EP 93924103 A 19931021**

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Abstract (en)  
[origin: FR2697256A1] Hydroxylated polyethers having lateral perfluoroalkylated groupings of formula (A) in which RF is a perfluorinated grouping having 1 to 20 carbon atoms, R1 is a radical capable of bearing one or more hydroxylated groupings different from the radical  $[(CH_2)_m - C(R_2R_3) -]$ , n is an integer equal to 1, 2, 3 or 4, the identical or non-identical groupings R2 and R3 have general formula  $(CH_2)_pX$  wherein p = 0 or 1 and X is selected from the following groupings: hydrogen, chlorine, methyl, alkyl O, allyl ether, x is 1 - 25, y is 0 - 25, m = 1, 2 or 3. Said polyethers, precursors of fluorinated polyurethanes, can be obtained by cationic polymerization of a monomer based on perfluoroalkylated oxiranes in an inert organic solvent.

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IPC 8 full level  
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