

Title (en)
GLOSS RETENTIVE FLUOROCOPOLYMERS FOR COATING APPLICATIONS

Title (de)
GLANZBESTÄNDIGE FLUORCOPOLYMERE FÜR BESCHICHTUNGSANWENDUNGEN

Title (fr)
FLUOROCOPOLYMÈRES DE RÉTENTION DE BRILLANT POUR APPLICATIONS DE REVÊTEMENT

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EP 3377586 A4 20191016 (EN)

Application
EP 16867225 A 20161118

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Abstract (en)
[origin: WO2017087806A2] Disclosed are protective coating compositions having enhanced gloss retention properties formed by steps comprising: (i) providing one or more fluorocopolymers by copolymerization of (1) one or more hydrofluoroolefin monomer(s) selected from the group consisting of hydrofluoroethylenes, hydrofluoropropenes, hydrofluorobutenes, hydrofluoropentenes and combinations of these, (2) one or more vinyl ester monomer(s), and (3) one or more vinyl ether monomer(s), wherein at least a portion of said vinyl ether monomer is a hydroxyl group-containing vinyl ether monomer, wherein the copolymer preferably has a number average molecular weight of greater than about 10,000; (ii) providing a VOC containing carrier for said one or more fluorocopolymers; and (iii) providing a stabilizing agent comprising: a) a radical scavenger and b) an absorber of UV light; and (iv) combining said one or more fluorocopolymers with said carrier and said stabilizing agent to produce a polymeric coating composition.

IPC 8 full level
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Citation (search report)
• [X] WO 2008079879 A1 20080703 - HONEYWELL INT INC [US], et al
• [X] WO 2008079986 A1 20080703 - HONEYWELL INT INC [US], et al
• [X] WO 2008079886 A1 20080703 - HONEYWELL INT INC [US], et al
• [X] CN 104892811 A 20150909 - ZHEJIANG RES INST CHEMICAL INDUSTRY LTD, et al
• [X] CN 104945549 A 20150930 - ZHEJIANG RES INST CHEMICAL INDUSTRY LTD, et al
• See references of WO 2017087806A2

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