

Title (en)
TACK FREE SURFACE CURES OF POLYMERS BY ORGANIC PEROXIDES IN THE PRESENCE OF AIR

Title (de)
VERKLEBUNGSFREIE OBERFLÄCHENHÄRTUNG VON POLYMEREN DURCH ORGANISCHE PEROXIDE IN GEGENWART VON LUFT

Title (fr)
DURCISSEMENT DE SURFACES NON COLLANTES DE POLYMERES AU MOYEN DE PEROXYDES ORGANIQUES ET EN PRESENCE D'AIR

Publication
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Application
EP 00978506 A 20001109

Priority

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Abstract (en)
[origin: WO0134680A1] Compositions are disclosed which comprise mixtures of at least one compound selected from silicone elastomers, bis-, tri- or higher polymaleimides and/or bis-, tri- or higher polycitraconimides, and at least one compound selected from p-phenylene-diamine based antiozonants, sulfur compounds capable of accelerating sulfur vulcanization of polymers capable of being crosslinked by sulfur and polysulfide polymers which when compounded into polymers curable by free radical initiators in the presence of free radical initiators permit substantially tack free surface cure of the polymers by decomposition of the free radical initiator in the presence of molecular oxygen. Compositions containing the above ingredients and at least one free radical initiator, curable compositions containing the combination and processes for making and using the compositions are also disclosed.

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Citation (search report)

- [X] EP 0275991 A2 19880727 - DAINIPPON INK & CHEMICALS [JP]
- [X] US 4575522 A 19860311 - BREACH WILLIAM D [US], et al
- [XD] US 5849214 A 19981215 - NOVITS MICHAEL FRED [US], et al
- See also references of WO 0134680A1

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WO 0134680 A1 20010517; AU 1596301 A 20010606; BR 0007426 A 20011120; CA 2359148 A1 20010517; CN 1336939 A 20020220; EP 1149122 A1 20011031; EP 1149122 A4 20030312; HK 1041278 A1 20020705; HU P0104979 A2 20020429; HU P0104979 A3 20040428; JP 2003514088 A 20030415; PL 348765 A1 20020603; RU 2001122163 A 20030610

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