

Title (en)

GRAFT POLYMERS BASED ON ETHYLENE-ALPHA-OLEFIN RUBBERS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

PFROPFPOLYMERISATE AUF BASIS VON ATHYLEN-ALPHA-OLEFIN-KAUTSCHUKEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

POLYMERES GREFFES A BASE DE CAOUTCHOUCS ETHYLENE-ALPHA-OLEFINIQUES ET PROCEDE DE FABRICATION

Publication

EP 1576019 A1 20050921 (DE)

Application

EP 03789156 A 20031206

Priority

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- EP 0313835 W 20031206

Abstract (en)

[origin: US2004127642A1] A thermoplastic molding composition comprising a graft polymer is disclosed. The graft polymer contains: a) a continuous phase containing the polymerized product of at least one vinylaromatic monomer and at least one ethylenically unsaturated nitrile monomer, and b) a disperse phase containing ethylene/alpha-olefin rubber that is grafted with the polymerization product of at least one vinylaromatic monomer and at least one ethylenically unsaturated nitrile monomer. The weight average molecular weight of the continuous phase is 130,000 to 275,000 g/mole and the disperse phase is characterized in that its, weight average particle size is less than 0.90 µm. The molding composition is characterized in improved resistance to weathering.

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IPC 8 full level

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CPC (source: EP US)

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US 2004127642 A1 20040701; **US 7060751 B2 20060613**; AU 2003293785 A1 20040714; CN 100448903 C 20090107; CN 1751074 A 20060322; DE 10259500 A1 20040701; EP 1576019 A1 20050921; JP 2006510764 A 20060330; TW 200427709 A 20041216; TW I275599 B 20070311; WO 2004056891 A1 20040708

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