

Title (en)

USE OF GRAFT POLYMERS OF POLYALKYLENE OXIDES AS ANTI-REDEPOSITION AGENTS IN THE WASHING AND AFTER-TREATMENT OF TEXTILES CONTAINING SYNTHETIC FIBRES

Publication

**EP 0285038 B1 19930721 (DE)**

Application

**EP 88104889 A 19880326**

Priority

DE 3711318 A 19870403

Abstract (en)

[origin: EP0285038A2] Use of graft copolymers which are obtainable by grafting (a) polyalkylene oxides of a molecular weight (according to the number average) of 300 to 100,000 based on ethylene oxide, propylene oxide and/or butylene oxide with (b) N-vinylpyrrolidone and (c) a vinyl ester which is derived from a saturated monocarboxylic acid containing 1 to 6 C atoms and/or a methyl or ethyl ester of acrylic acid or methacrylic acid in the weight ratio (a) : (b) : (c) of 1:0.3:1 to 1:5:30, where the addition sequence of the monomers (b) and (c) in the graft copolymerisation is arbitrary and up to 15 mol % of the grafted monomers (c) can be hydrolysed.

IPC 1-7

**C11D 3/37**

IPC 8 full level

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CPC (source: EP US)

**C11D 3/0036** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US)

Cited by

US4846994A; US4846995A; CN103987831A; US7951768B2; US8840731B2; US8334250B2; US9068023B2; US8519060B2; WO2007051743A3; WO2017102422A1; WO2013083577A1; WO9429422A1; US11186805B2; US6946004B2; US8158686B2; US8632763B2; US11326129B2; US11891589B2; WO2013132042A1; EP2862884A1; EP2865692A1; EP2886567A1; WO2012079256A1

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