

Title (en)

POLYMER COMPRISING AMIDE AND ESTER GROUPS METHOD FOR PRODUCTION AND USE THEREOF

Title (de)

AMID- UND ESTERGRUPPEN AUFWEISENDES POLYMER, DESSEN HERSTELLUNG UND VERWENDUNG

Title (fr)

POLYMERES PRESENTANT DES GROUPES AMIDE ET ESTER, PROCEDE POUR LE PRODUIRE ET UTILISATION DE CELUI-CI

Publication

**EP 1727835 A1 20061206 (DE)**

Application

**EP 05733482 A 20050318**

Priority

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- EP 04006641 A 20040319
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Abstract (en)

[origin: EP1577327A1] Preparation of polymers (P) containing amide- and ester groups, comprises reaction of homo- or copolymers (P1) of (meth)acrylic acid with monohydroxy compounds (I) at 0-200[deg]C, where ester group is converted to anhydride group; and reaction of obtained anhydride group with mono amine compounds (A) at below 100[deg]C to form amide groups. Independent claims are also included for: (1) a polymer (P) containing amide and ester groups, obtained by the process; and (2) hydraulically setting compositions optionally with water, comprising at least an amide- and ester group containing polymer (P).

IPC 8 full level

**C04B 24/26** (2006.01); **C04B 24/32** (2006.01); **C08F 8/14** (2006.01); **C08F 8/32** (2006.01); **C08F 8/48** (2006.01)

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