

Title (en)

AQUEOUS DISPERSIONS OF CROSS-LINKED, TERTIARY ESTER GROUPS CONTAINING EMULSION POLYMERISATES AND WATER-ABSORBENT MATERIALS ON A CARRIER MATERIAL MADE THEREOF

Title (de)

WÄSSRIGE DISPERSIONEN VON VERNETZTEN, TERTIÄRE ESTERGRUPPEN ENTHALTENDEN EMULSIONSPOLYMERISATEN UND DARAUS HERGESTELLTE WASSERABSORBIERENDE MATERIALIEN AUF EINEM TRÄGERMATERIAL

Title (fr)

DISPERSIONS AQUEUSES DE POLYMÈRES EN ÉMULSION CONTENANT DES GROUPES ESTER TERTIAIRES, RÉTICULÉS, ET MATIÈRES ABSORBANT L'EAU FABRIQUÉS À PARTIR DE CELLES-CI SUR UN MATÉRIAU SUPPORT.

Publication

**EP 2061819 A1 20090527 (DE)**

Application

**EP 07802498 A 20070806**

Priority

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Abstract (en)

[origin: WO2008019966A1] Aqueous dispersions of cross-linked, tertiary ester groups containing emulsion polymerisates, (a) at least 50 wt.% of an ester, derived of a tertiary alcohol and a ethylenic unsaturated C<SUB>3</SUB>- to C<SUB>5</SUB>- </SUB> carboxylic acid, (b) 0,001 to 5,0 wt.% of at least one compound, comprising at least two ethylenic unsaturated double compounds, and (c) 0 to 49,999 wt.% of at least one other monoethylenic unsaturated compound copolymerized and having an average particle size of 1000 nm at most, and water absorbent materials, obtainable by layering of a carrier material with said aqueous dispersion of a cross-linked, tertiary ester groups containing emulsion polymerisate, drying and heating of the thus treated carrier material to a temperature of at least 1400C while producing carboxyl groups from the tertiary ester groups of the emulsion polymerisate and at least partial neutralization of the carboxyl groups and the use of the water-absorbing materials as absorption means for water and aqueous liquids.

IPC 8 full level

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CPC (source: EP US)

**A61L 15/60** (2013.01 - EP US); **C08F 220/1804** (2020.02 - EP US); **C08F 220/40** (2013.01 - EP US); **Y10T 428/249991** (2015.04 - EP US); **Y10T 428/31794** (2015.04 - EP US); **Y10T 442/2484** (2015.04 - EP US)

Citation (search report)

See references of WO 2008019966A1

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