

Title (en)
MIXTURES OF PAPER SIZING AGENTS.

Title (de)
PAPIERLEIMUNGSMITTELMISCHUNGEN.

Title (fr)
MELANGES D'AGENTS POUR PAPIER.

Publication
EP 0658228 A1 19950621 (DE)

Application
EP 93919142 A 19930823

Priority
• DE 4229142 A 19920901
• EP 9302259 W 19930823

Abstract (en)
[origin: DE4229142A1] Mixtures of paper sizing agents are produced by mixing an aqueous suspension of a hydrolyzed cationic starch with fine particle aqueous polymer dispersions which constitute a paper sizing agent, and by emulsifying C14-C22-alkyl diketens in said mixture at temperatures of at least 70 DEG C. The mixtures are used for paper beater and surface sizing.

IPC 1-7
D21H 17/29; **D21H 17/17**; **D21H 21/16**

IPC 8 full level
D21H 17/17 (2006.01); **D21H 17/29** (2006.01); **D21H 21/16** (2006.01)

CPC (source: EP US)
D21H 17/17 (2013.01 - EP US); **D21H 17/29** (2013.01 - EP US); **D21H 21/16** (2013.01 - EP US)

Citation (search report)
See references of WO 9405855A1

Designated contracting state (EPC)
DE ES FR NL SE

DOCDB simple family (publication)
DE 4229142 A1 19940303; AU 4951693 A 19940329; DE 59303206 D1 19960814; EP 0658228 A1 19950621; EP 0658228 B1 19960710; ES 2089839 T3 19961001; FI 933829 A0 19930901; FI 933829 A 19940302; NO 300699 B1 19970707; NO 933099 D0 19930831; NO 933099 L 19940302; US 5498648 A 19960312; WO 9405855 A1 19940317

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DE 4229142 A 19920901; AU 4951693 A 19930823; DE 59303206 T 19930823; EP 9302259 W 19930823; EP 93919142 A 19930823; ES 93919142 T 19930823; FI 933829 A 19930901; NO 933099 A 19930831; US 39300195 A 19950301