

Title (en)

PROCESS FOR IMPROVING THE PRINTABILITY OF PAPER

Publication

EP 0307816 B1 19921125 (DE)

Application

EP 88114757 A 19880909

Priority

DE 3730887 A 19870915

Abstract (en)

[origin: EP0307816A2] Process for improving the printability of paper by a single- or two-sided application of aqueous coating materials consisting of a) 100 parts by weight of a finely dispersed pigment b) 5 to 70 parts by weight (based on solids) of a cationic aqueous polymer dispersion of a paper size and c) 0.01 to 10 parts by weight of a surfactant which interferes with the formation of the surface sizing and/or of a polymeric dispersant to the surface of the paper in a quantity of 0.5 to 4 g/m² and drying the coated paper.

IPC 1-7

D21H 19/58

IPC 8 full level

D21H 19/36 (2006.01); **D21H 19/44** (2006.01); **D21H 19/54** (2006.01); **D21H 19/58** (2006.01)

CPC (source: EP KR US)

D21H 5/14 (2013.01 - KR); **D21H 19/44** (2013.01 - EP US); **Y10T 428/31899** (2015.04 - EP US); **Y10T 428/31902** (2015.04 - EP US); **Y10T 428/31906** (2015.04 - EP US)

Cited by

DE19545182A1; DE19545182C2; WO2008071688A1; US7662871B2; US6835767B2; EP1056783B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0307816 A2 19890322; **EP 0307816 A3 19901212**; **EP 0307816 B1 19921125**; AT E82783 T1 19921215; AU 2220188 A 19890316; AU 603258 B2 19901108; CA 1327146 C 19940222; DE 3730887 A1 19890323; DE 3876192 D1 19930107; DK 510788 A 19890316; DK 510788 D0 19880914; ES 2037165 T3 19930616; FI 884196 A0 19880913; FI 884196 A 19890316; JP H0197297 A 19890414; KR 890005349 A 19890513; NO 884078 D0 19880914; NO 884078 L 19890316; NZ 226157 A 19900528; US 4908240 A 19900313

DOCDB simple family (application)

EP 88114757 A 19880909; AT 88114757 T 19880909; AU 2220188 A 19880914; CA 576783 A 19880908; DE 3730887 A 19870915; DE 3876192 T 19880909; DK 510788 A 19880914; ES 88114757 T 19880909; FI 884196 A 19880913; JP 22891588 A 19880914; KR 880011981 A 19880915; NO 884078 A 19880914; NZ 22615788 A 19880913; US 24467988 A 19880915