

Title (en)
PRINT SUBSTRATE

Title (de)
DRUCKTRÄGER

Title (fr)
SUPPORT D'IMPRESSION

Publication
EP 0637352 B1 19970910 (DE)

Application
EP 93905329 A 19930310

Priority
• DE 4213746 A 19920425
• EP 9300540 W 19930310

Abstract (en)
[origin: US5439558A] PCT No. PCT/EP93/00540 Sec. 371 Date Aug. 16, 1994 Sec. 102(e) Date Aug. 16, 1994 PCT Filed Mar. 10, 1993 PCT Pub. No. WO93/22500 PCT Pub. Date Nov. 11, 1993. A print substrate, in particular paper, has a coat on one or both sides, which contains ungelatinized starch granules and kaolin as coating pigment and possibly one or more additional mineral pigments and binder and wherein the content of the starch granules is 2 to 25% by weight with respect to the total coating pigment; the binder proportion-with respect to the total pigment-is less than 12% by weight calculated as parts by weight when dry; the gloss of the coat after calendaring is greater than 40% as measured at an angle of 75 DEG according to Lehmann; the mineral coating pigment comprises at least 60% by weight of kaolin and the mineral pigment component and starch granules make up the remainder to 100% by weight of the total coating pigment.

IPC 1-7
D21H 19/42; **D21H 19/40**

IPC 8 full level
D21H 19/38 (2006.01); **D21H 19/40** (2006.01); **D21H 19/42** (2006.01); **D21H 19/54** (2006.01)

CPC (source: EP US)
D21H 19/40 (2013.01 - EP US); **D21H 19/42** (2013.01 - EP US); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US); **Y10T 428/31895** (2015.04 - EP US)

Cited by
DE102015102846A1; DE102015102846B4

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9322500 A1 19931111; AT E158037 T1 19970915; CA 2118112 A1 19931026; DE 4213746 A1 19931028; DE 4213746 C2 19960307; DE 59307346 D1 19971016; EP 0637352 A1 19950208; EP 0637352 B1 19970910; ES 2108865 T3 19980101; FI 114325 B 20040930; FI 944965 A0 19941021; FI 944965 A 19941021; JP H07505927 A 19950629; US 5439558 A 19950808

DOCDB simple family (application)
EP 9300540 W 19930310; AT 93905329 T 19930310; CA 2118112 A 19930310; DE 4213746 A 19920425; DE 59307346 T 19930310; EP 93905329 A 19930310; ES 93905329 T 19930310; FI 944965 A 19941021; JP 51885993 A 19930310; US 28464294 A 19940816