

Title (en)

Process for continuously manufacturing a colored flocked support

Title (de)

Verfahren zur kontinuierlichen Herstellung einer geflockten und gefärbten Unterlage

Title (fr)

Procédé de fabrication en continu d'un support flocké et coloré

Publication

EP 1625895 A3 20100505 (FR)

Application

EP 05291581 A 20050725

Priority

- FR 0408625 A 20040804
- FR 0505379 A 20050527

Abstract (en)

[origin: EP1625895A2] A flocked and dyed cloth backing (S) is made by application (1) of polymerizable resin (RP) layer to surface of cloth backing; projection (2) of white or unbleached polyester flock fibers (FF) onto resin layer; polymerization (3) of resin to fix the flock fibers on cloth backing; deposition (4) of sublimable dye (E) on flocked surface; and sublimation (4) of deposited dye to dye the flocked fibers. The continuous manufacture of flocked and dyed cloth backing involves successive stages of application of polymerizable resin layer to surface of the cloth backing; projection of white or unbleached polyester flock fibers onto the resin layer; polymerization of the resin to fix the flock fibers on the cloth backing; deposition of sublimable dye on the flocked surface of the cloth backing; and sublimation of the deposited dye to dye the flocked fibers. During projection, polyester super microfibers are used with a titer of less than 0.5 Dtex and a length of 0.2-0.5 mm.

IPC 8 full level

B05D 1/14 (2006.01); **D04H 11/00** (2006.01); **D06P 5/00** (2006.01)

CPC (source: EP KR US)

D04H 11/00 (2013.01 - EP US); **D06C 11/00** (2013.01 - KR); **D06C 23/02** (2013.01 - KR); **D06P 5/004** (2013.01 - EP US); **D06P 5/30** (2013.01 - EP US); **D06Q 1/10** (2013.01 - EP US); **D06Q 1/14** (2013.01 - EP US); **Y10S 8/922** (2013.01 - US); **Y10T 428/23943** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1625895 A2 20060215; **EP 1625895 A3 20100505**; **EP 1625895 B1 20110622**; AT E513624 T1 20110715; DK 1625895 T3 20111010; FR 2875822 A1 20060331; FR 2875822 B1 20070427; JP 2006055841 A 20060302; KR 101223775 B1 20130118; KR 20060053987 A 20060522; PT 1625895 E 20110928; US 2006029767 A1 20060209; US 7666231 B2 20100223

DOCDB simple family (application)

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