

Title (en)
Embossed paper web material

Title (de)
Geprägtes Papierbahnmaterial

Title (fr)
Matériau de feuille de papier gaufré

Publication
EP 1985438 B1 20161228 (EN)

Application
EP 08425225 A 20080404

Priority
IT FI20070084 A 20070406

Abstract (en)
[origin: EP1985438A2] The embossed paper web material comprises at least two plies (V1, V2), at least one of which is provided with a background embossing pattern constituted by linear protuberances (1P), extending according to closed lines projecting toward the inside of the web material. The portions of ply delimited by said closed lines form convexities (1C) facing the outside of the web material, which are distributed with a density equal to or greater than 6 convexities/cm² and preferably between 10 and 30 convexities/cm².

IPC 8 full level
B31F 1/07 (2006.01)

CPC (source: EP)
B31F 1/07 (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0738** (2013.01); **B31F 2201/0766** (2013.01)

Citation (examination)
US 5736223 A 19980407 - LAURENT PIERRE [FR]

Citation (opposition)
Opponent : SCA Hygiene Products AB
• WO 9907546 A1 19990218 - SCA HYGIENE PROD GMBH [DE], et al
• WO 2006136186 A1 20061228 - SCA HYGIENE PROD GMBH [DE], et al
• WO 0228630 A2 20020411 - PROCTER & GAMBLE [US]
• WO 2006133390 A2 20061214 - PROCTER & GAMBLE [US], et al
• US 6106928 A 20000822 - LAURENT PIERRE [FR], et al
• US 4320162 A 19820316 - SCHULZ GALYN A
• WO 9744527 A1 19971127 - PROCTER & GAMBLE [US]
• JP 2004244772 A 20040902 - DAIO SEISHI KK
• US 5913765 A 19990622 - BURGESS WILLIAM H [US], et al
• US 3738905 A 19730612 - THOMAS G

Cited by
CN114635310A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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EP 08425225 A 20080404; ES 08425225 T 20080404; HU E08425225 A 20080404; IT FI20070084 A 20070406; PL 08425225 T 20080404