

Title (en)
Sand-effect paper material and corresponding manufacturing method

Title (de)
Sandeffektpapiermaterial und entsprechendes Herstellungsverfahren

Title (fr)
Structure cellulaire pour panneau à double courbure

Publication
EP 2520709 A1 20121107 (EN)

Application
EP 12167036 A 20120507

Priority
IT MI20110779 A 20110506

Abstract (en)
A sand-effect paper material comprises a substrate, formed by a mixture of cellulose fibres and containing at least one polymeric substance (comprising, for example, one or more colophony-based and/or alkyl-ketene-dimer-based and/or epichlorohydrin-based resins, and/or modified starches, etc.), apt to bestow strength on the mixture of fibres, and an inorganic filler (for example, a mineral filler of a carbonate type, kaolin, talc, etc.); the paper material has at least one surface treated with at least one surface adhesive and provided with a glossy coating formed by one or more binding polymers and/or waxes, mixed with pigments, so that the paper material has a sand-like feel.

IPC 8 full level
D21H 13/00 (2006.01); **D21H 19/40** (2006.01); **D21H 19/82** (2006.01)

CPC (source: EP)
D21H 19/40 (2013.01); **D21H 19/44** (2013.01); **D21H 19/66** (2013.01)

Citation (search report)
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• [Y] WO 0022231 A1 20000420 - PROCTER & GAMBLE [US]
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BA ME

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EP 2520709 A1 20121107; **EP 2520709 B1 20160330**; ES 2579057 T3 20160804; IT MI20110779 A1 20121107; PT 2520709 T 20160711

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EP 12167036 A 20120507; ES 12167036 T 20120507; IT MI20110779 A 20110506; PT 12167036 T 20120507