

Title (en)

A paper material with an improved embossed pattern and method for the production thereof

Title (de)

Papiermaterial mit verbessertem Prägemuster und Herstellungsverfahren dafür

Title (fr)

Matériaux papier doté d'un motif gaufré amélioré et son procédé de fabrication

Publication

**EP 2228208 B1 20131204 (EN)**

Application

**EP 10006232 A 20071001**

Priority

- EP 07425604 A 20071001
- IT FI20060245 A 20061011

Abstract (en)

[origin: EP1911574A1] The tissue paper material has grooves with an approximately linear extension (201) and projecting areas (205), produced by embossing. The surface structure thus obtained increases the cleaning properties of the sheet of paper.

IPC 8 full level

**B31F 1/07** (2006.01); **D21F 11/00** (2006.01)

CPC (source: EP)

**B31F 1/07** (2013.01); **D21H 27/30** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0738** (2013.01); **B31F 2201/0764** (2013.01); **B31F 2201/0766** (2013.01); **D21H 27/002** (2013.01)

Cited by

CN104416955A; JP2018053384A; JP2018053393A; WO2018061314A1; WO2018061315A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1911574 A1 20080416**; **EP 1911574 B1 20100728**; **EP 1911574 B2 20190320**; AT E475532 T2 20100815; CY 1110849 T1 20150610; CY 1114758 T1 20161214; DE 602007008025 D1 20100909; DK 1911574 T3 20101101; DK 1911574 T4 20190701; DK 2228208 T3 20140310; EP 2228208 A1 20100915; EP 2228208 B1 20131204; ES 2348382 T3 20101203; ES 2348382 T5 20191112; ES 2443142 T3 20140218; IT FI20060245 A1 20080412; PL 1911574 T3 20110131; PL 1911574 T5 20190930; PL 2228208 T3 20140530; PT 1911574 E 20101011; PT 2228208 E 20140224; SI 1911574 T1 20101130; SI 1911574 T2 20190830; SI 2228208 T1 20140228

DOCDB simple family (application)

**EP 07425604 A 20071001**; AT 07425604 T 20071001; CY 101100953 T 20101022; CY 141100038 T 20140116; DE 602007008025 T 20071001; DK 07425604 T 20071001; DK 10006232 T 20071001; EP 10006232 A 20071001; ES 07425604 T 20071001; ES 10006232 T 20071001; IT FI20060245 A 20061011; PL 07425604 T 20071001; PL 10006232 T 20071001; PT 07425604 T 20071001; PT 10006232 T 20071001; SI 200730382 T 20071001; SI 200731385 T 20071001