

Title (en)
PAPER TOWEL

Title (de)
PAPIERTUCH

Title (fr)
MOUCHOIR EN PAPIER

Publication
EP 1451006 A1 20040901 (DE)

Application
EP 02791585 A 20021121

Priority
• AT 0200327 W 20021121
• AT 18382001 A 20011122

Abstract (en)
[origin: US2004028935A1] In a paper towel (1) with for example three layers (2, 3, 4) the two outer layers (3, 4) are provided with embossing (6) and the inner layer (2) is provided with printing (5). The layers (2, 3, 4) are at least partially transparent and are cemented to one another by means of a colored glue as the binder (9).

IPC 1-7
B32B 3/30; **B32B 7/12**; **B32B 29/06**; **D21H 27/40**

IPC 8 full level
A47K 10/16 (2006.01); **B31F 1/07** (2006.01); **A47K 7/00** (2006.01)

CPC (source: EP US)
B31F 1/07 (2013.01 - EP US); **B31F 2201/0733** (2013.01 - EP US); **B31F 2201/0761** (2013.01 - EP US); **B31F 2201/0766** (2013.01 - EP US); **B31F 2201/0787** (2013.01 - EP US); **B31F 2201/0792** (2013.01 - EP US); **Y10T 428/12444** (2015.01 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Cited by
CN103110386A

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US 2004028935 A1 20040212; AT 410300 B 20030325; AT A18382001 A 20020815; AT E403543 T1 20080815; AU 2002357952 A1 20030610; BR 0205097 A 20031007; CA 2416610 A1 20030522; CN 1216735 C 20050831; CN 1463223 A 20031224; CZ 20024030 A3 20030813; DE 50212614 D1 20080918; EA 004821 B1 20040826; EA 200300586 A1 20031030; EP 1451006 A1 20040901; EP 1451006 B1 20080806; ES 2310613 T3 20090116; HU P0302610 A2 20031128; HU P0302610 A3 20070730; JP 2004521723 A 20040722; JP 3771560 B2 20060426; NO 20025875 D0 20021206; NO 20025875 L 20030530; PL 363353 A1 20041115; SK 17472002 A3 20031104; WO 03043812 A1 20030530; ZA 200210236 B 20031218

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