

Title (en)

Embossing roll and method for embossing a web or a sheet

Title (de)

Prägewalze und Verfahren zum Erzeugen eines Prägemusters in einer Materialbahn oder in einem Zuschnitt

Title (fr)

Cylindre de gaufrage et procédé pour gaufrer une bande ou une feuille

Publication

**EP 1790466 A1 20070530 (DE)**

Application

**EP 06023985 A 20061118**

Priority

DE 102005056109 A 20051123

Abstract (en)

Embossing pins (3) are arranged on the outer surface (2) of the embossing roller (1), and/or their end surfaces are dimensioned so that the engagement area is substantially constant during a complete rotation of the embossing roller. The engagement area strips are rectangular in shape, corresponding to the sum of the widths of all part rows. Independent claims are included for a method of forming an embossed pattern, and for a paper handkerchief.

IPC 8 full level

**B31F 1/07** (2006.01)

CPC (source: EP)

**B31F 1/07** (2013.01); **B31F 2201/0725** (2013.01); **B31F 2201/073** (2013.01)

Citation (search report)

- [XA] EP 1151852 A1 20011107 - GEORGIA PACIFIC FRANCE [FR]
- [A] EP 1533112 A1 20050525 - IND CARTARIE TRONCHETTI SPA [IT]
- [A] US 5622734 A 19970422 - CLARK HARRY E [US], et al
- [A] WO 0038909 A1 20000706 - KIMBERLY CLARK CO [US]

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CN113681991A

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)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1790466 A1 20070530; EP 1790466 B1 20090916**; AT E442953 T1 20091015; DE 102005056109 A1 20070524; DE 502006004849 D1 20091029

DOCDB simple family (application)

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