

Title (en)

ROLLED PAPER EMBOSSING DISPENSER.

Title (de)

PRÄGER-VERTEILER VON AUFGEWICKELTEM PAPIER.

Title (fr)

DISTRIBUTEUR-GAUFREUR DE PAPIER EN ROULEAUX.

Publication

EP 0167622 A4 19880413 (EN)

Application

EP 85900852 A 19850110

Priority

US 57082484 A 19840116

Abstract (en)

[origin: WO8503029A1] A roll paper dispensing cabinet having means for rotatably supporting a roll of paper and a pair of rotatable embossing rolls providing a nip through which the paper is directed prior to exiting the cabinet. The embossing rolls, at least one of which includes a plurality of knuckles, cooperate to mechanically stress the paper beyond its elastic limit in spaced-apart regions over substantially the entire surface of the paper to reduce the cross-machine direction wet tensile strength of the paper by 25% and to increase the bulk of the paper more than 60% to thereby provide a dispensed sheet having enhanced softness, flexibility and absorbency.

IPC 1-7

B31F 1/07; **B31F 7/02**

IPC 8 full level

B31F 1/07 (2006.01); **B31F 7/00** (2006.01); **B65H 27/00** (2006.01); **B31F 1/12** (2006.01)

CPC (source: EP)

B31F 1/07 (2013.01); **B31F 2201/0723** (2013.01); **B31F 2201/0733** (2013.01); **B31F 2201/0756** (2013.01); **B31F 2201/0758** (2013.01)

Citation (search report)

- [X] FR 2177856 A1 19731109 - SCOTT PAPER CO [US]
- [X] US 3337388 A 19670822 - WOSABA II CHARLES L
- [A] GB 901387 A 19620718 - SCOTT PAPER CO
- See also references of WO 8503029A1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

WO 8503029 A1 19850718; AU 3882485 A 19850730; AU 586814 B2 19890727; BR 8504140 A 19851126; CA 1229326 A 19871117; EP 0167622 A1 19860115; EP 0167622 A4 19880413; ES 291900 U 19860516; ES 291900 Y 19870116; ES 548927 A0 19860901; ES 8609033 A1 19860901; IT 1182361 B 19871005; IT 8567037 A0 19850116; IT 8567037 A1 19860716; JP S61501084 A 19860529; MX 161192 A 19900814

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US 8500029 W 19850110; AU 3882485 A 19850110; BR 8504140 A 19850110; CA 472129 A 19850115; EP 85900852 A 19850110; ES 291900 U 19850115; ES 548927 A 19851115; IT 6703785 A 19850116; JP 50054185 A 19850110; MX 20405385 A 19850116