

Title (en)

Embossing device for joining layers of tissue material

Title (de)

Prägevorrichtung zur Erzeugung einer Haftung zwischen Lagen aus Tissue-Material

Title (fr)

Appareil d'impression pour joindre des couches de papier ménager

Publication

EP 1175997 A3 20030618 (DE)

Application

EP 01113989 A 20010608

Priority

DE 10036292 A 20000726

Abstract (en)

[origin: EP1175997A2] The stamping device has a stamping roller forming a press gap with a counter-roller, through which the layers are passed. The stamping roller has a rotating roller body (12) with stamping elements (13) on the outside, which are attached with elastic support so that the stamping elements are always pressed against the counter-roller at the same pressing force.

IPC 1-7

B31F 1/07; **B31F 5/02**

IPC 8 full level

B31F 1/07 (2006.01); **B31F 5/02** (2006.01)

CPC (source: EP)

B31F 1/07 (2013.01); **B31F 2201/0753** (2013.01); **B31F 2201/0761** (2013.01); **B31F 2201/0789** (2013.01)

Citation (search report)

- [X] US 5368680 A 19941129 - MITSAM REINWALD [DE]
- [DA] EP 0672402 A1 19950920 - KIMBERLY CLARK CO [US]
- [A] US 6053232 A 20000425 - BIAGIOTTI GUGLIELMO [IT]

Cited by

US7900678B2; WO2005120832A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1175997 A2 20020130; **EP 1175997 A3 20030618**; **EP 1175997 B1 20041110**; DE 10036292 A1 20020207; DE 50104463 D1 20041216

DOCDB simple family (application)

EP 01113989 A 20010608; DE 10036292 A 20000726; DE 50104463 T 20010608