

Title (en)

Printing device for coating a sheet material with a paste

Title (de)

Druckanlage zur Beschichtung eines Flächenmaterials mit einer Paste

Title (fr)

Dispositif d'impression pour le revêtement d'un substrat plan avec une pâte

Publication

EP 0896836 A3 19990616 (DE)

Application

EP 98108568 A 19980512

Priority

DE 19735026 A 19970813

Abstract (en)

[origin: EP0896836A2] The printing device coats flat material (1) with a paste. It includes a printing template (2) with internal doctor (3) to apply the paste through holes (5) onto the flat material, a counter roller (6) and a pressurizer (8) to press the doctor to the template. The roller body (11) of the counter roller has a coating (10) divided into sectors across the width, with piezo-elements. Each sector can be controlled individually.

IPC 1-7

B05C 11/04; **B05C 1/10**

IPC 8 full level

B05C 1/08 (2006.01); **B05C 1/10** (2006.01); **B05C 11/04** (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP US)

B05C 1/0808 (2013.01 - EP US); **B05C 1/083** (2013.01 - EP US); **B05C 1/10** (2013.01 - EP US); **B05C 11/041** (2013.01 - EP US); **B05C 5/025** (2013.01 - EP US)

Citation (search report)

- [A] CH 426711 A 19661231 - ASTON MARTIN CO [LI]
- [A] DE 1610300 A1 19710701 - WEBER ERICH
- [A] US 5569326 A 19961029 - RUHL FRIEDHELM [DE]
- [PA] EP 0794016 A1 19970910 - MOTOROLA INC [US]
- [A] GB 2169820 A 19860723 - MOLINS PLC

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0896836 A2 19990217; **EP 0896836 A3 19990616**; **EP 0896836 B1 20010905**; DE 19735026 C1 19990527; DE 59801374 D1 20011011; US 5965220 A 19991012

DOCDB simple family (application)

EP 98108568 A 19980512; DE 19735026 A 19970813; DE 59801374 T 19980512; US 13375998 A 19980812