

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