

Title (en)

ARRANGEMENT FOR APPLYING SUBSTANCES TO A WEB OF MATERIAL

Title (de)

ANORDNUNG ZUM AUFTRAGEN VON SUBSTANZEN AUF BAHNFÖRMIGES MATERIAL

Title (fr)

INSTALLATION D'APPLICATION DE SUBSTANCES SUR UNE BANDE DE MATERIAU

Publication

EP 0408704 B2 19980715 (DE)

Application

EP 90901724 A 19900105

Priority

- AT 9000002 W 19900105
- AT 3389 A 19890109
- AT 211289 A 19890908

Abstract (en)

[origin: WO9007387A2] In an arrangement for applying substances to a web of material (4), a doctor blade (9, 13) is pressed magnetically against the material or a stencil (5) by means of a working magnet and rests in the working position against a profiled strip (6). A least one retaining magnet (7) arranged in the profiled strip (6) maintains the doctor blade (9, 13) in rolling or sliding contact with the profiled strip (6) when the working magnet is switched off and raises the profiled strip (6) from the surface of the web (4, 5) or the stencil.

IPC 1-7

B05C 1/08; **B41F 15/42**

IPC 8 full level

B05C 1/02 (2006.01); **B05B 5/14** (2006.01); **B05C 1/08** (2006.01); **B41F 15/42** (2006.01); **B41F 15/46** (2006.01); **H01F 41/14** (2006.01)

CPC (source: EP US)

B41F 15/426 (2013.01 - EP US); **B41F 15/46** (2013.01 - EP US)

Citation (opposition)

Opponent :

- DE 2437006 A1 19760219 - ZIMMER JOHANNES
- EP 0311728 A1 19890419 - ZIMMER JOHANNES
- NL 155759 B 19780215 - ZIMMER JOHANNES
- DE 3416029 A1 19841129 - ZIMMER JOHANNES [AT]
- Melliand Textilberichte 68 (1987) Seiten 351-352
- Prospekt "KOMBI-RAKEL", Johannes Zimmer, 1975

Cited by

CN113140403A; GB2259262A; GB2259262B; NL1011992C2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

WO 9007387 A2 19900712; **WO 9007387 A3 19901101**; AT E90595 T1 19930715; BR 9004513 A 19910730; CZ 280958 B6 19960515; DD 291508 A5 19910704; DD 298491 A5 19920227; DE 59001764 D1 19930722; DE 9000148 U1 19900412; EP 0408704 A1 19910123; EP 0408704 B1 19930616; EP 0408704 B2 19980715; ES 2041524 T3 19931116; ES 2041524 T5 19981016; US 5151132 A 19920929

DOCDB simple family (application)

AT 9000002 W 19900105; AT 90901724 T 19900105; BR 9004513 A 19900105; CS 9890 A 19900108; DD 33701790 A 19900109; DD 34437990 A 19900109; DE 59001764 T 19900105; DE 9000148 U 19900108; EP 90901724 A 19900105; ES 90901724 T 19900105; US 47483890 A 19900910