

Title (en)
SUPPORTING SYSTEM FOR THE METERING COMPONENT OF A COATING DEVICE

Title (de)
ABSTÜTZSYSTEM FÜR DAS DOSIERELEMENT EINER BESCHICHTUNGSVORRICHTUNG

Title (fr)
SYSTEME D'APPUI POUR ELEMENT DOSEUR D'UN DISPOSITIF D'ENDUCTION

Publication
EP 0831973 B1 20020612 (DE)

Application
EP 97921793 A 19970426

Priority
• DE 19617458 A 19960502
• EP 9702166 W 19970426

Abstract (en)
[origin: US5938844A] PCT No. PCT/EP97/02166 Sec. 371 Date Nov. 21, 1997 Sec. 102(e) Date Nov. 21, 1997 PCT Filed Apr. 26, 1997 PCT Pub. No. WO97/41967 PCT Pub. Date Nov. 13, 1997A support strip is braced against a doctor blade for coating a web and consists of spring steel sheet subdivided by slits into tongues. The tongues are securely clamped at their ends facing away from the dosage element and the continuous frontal edge is supported between guide strips so as to be movable in the direction of the dosage element. Adjustment elements engage at the tongues to cause them to bend perpendicularly with respect to the span of the tongues to control the force applied to the doctor blade.

IPC 1-7
B05C 11/04; **D21H 25/10**

IPC 8 full level
B05C 11/04 (2006.01); **D21H 25/10** (2006.01)

CPC (source: EP US)
B05C 11/042 (2013.01 - EP US); **D21H 25/10** (2013.01 - EP US)

Citation (examination)
US 4778278 A 19881018 - VANVOREN CLAUDE [FR], et al

Cited by
US6541083B1; US8679271B2; US8679598B2; US9670713B2; US10590695B2

Designated contracting state (EPC)
AT DE ES FI FR GB IT SE

DOCDB simple family (publication)
US 5938844 A 19990817; AT E218928 T1 20020615; BR 9702247 A 19990217; CA 2226172 A1 19971113; DE 19617458 A1 19971106; DE 59707476 D1 20020718; EP 0831973 A1 19980401; EP 0831973 B1 20020612; JP H11509475 A 19990824; WO 9741967 A1 19971113

DOCDB simple family (application)
US 97341597 A 19971124; AT 97921793 T 19970426; BR 9702247 A 19970426; CA 2226172 A 19970426; DE 19617458 A 19960502; DE 59707476 T 19970426; EP 9702166 W 19970426; EP 97921793 A 19970426; JP 53949197 A 19970426