

Title (en)
Doctor system

Title (de)
Rakelsystem

Title (fr)
Système de raclage

Publication
EP 0616075 B1 19970502 (DE)

Application
EP 94102521 A 19940219

Priority
DE 4308302 A 19930316

Abstract (en)
[origin: US5417761A] A doctor blade holding apparatus, preferably for coating devices, includes a clamping mechanism which holds, via a mounting plate, a doctor blade support which carries a doctor rod. The apparatus includes a pressing tube which presses against the doctor blade support and thus presses the doctor rod against a counter roll. A holding strip provided at a back side of the doctor blade support clamps the mounting plate to the doctor blade support. The holding strip is disposed laterally with respect to a mid-plane of the doctor blade support to provide a contact region between a back side of the doctor blade support and the pressing tube which is in substantially the same plane as the mounting plate.

IPC 1-7
D21H 25/12; B05C 11/02; D21G 3/00

IPC 8 full level
B05C 11/02 (2006.01); **B41F 9/10** (2006.01); **D21G 3/00** (2006.01); **D21H 25/12** (2006.01)

CPC (source: EP US)
B05C 11/025 (2013.01 - EP US); **D21G 3/005** (2013.01 - EP US); **D21H 25/12** (2013.01 - EP US)

Cited by
DE19626580A1

Designated contracting state (EPC)
AT DE SE

DOCDB simple family (publication)
US 5417761 A 19950523; AT E152495 T1 19970515; CA 2119214 A1 19940917; DE 4308302 A1 19930805; DE 59402581 D1 19970605; EP 0616075 A1 19940921; EP 0616075 B1 19970502; FI 107887 B 20011031; FI 941006 A0 19940302; FI 941006 A 19940917; JP H06316891 A 19941115

DOCDB simple family (application)
US 20954994 A 19940310; AT 94102521 T 19940219; CA 2119214 A 19940316; DE 4308302 A 19930316; DE 59402581 T 19940219; EP 94102521 A 19940219; FI 941006 A 19940302; JP 4588294 A 19940316