

Title (en)
Doctor blade holder

Title (de)
Rakelbett

Title (fr)
Support de racle

Publication
EP 1719559 A1 20061108 (DE)

Application
EP 06112050 A 20060331

Priority
DE 102005020848 A 20050502

Abstract (en)
The bed has a continuous groove in an axial direction to hold a rotatable metering rod (3) that is pressed against a moving surface (8) and meters and equalizes a liquid to a pasty medium applied to the moving surface. The bed uses a material including a homogeneous mixture of specific percentages of polyethylene and wax of animal, vegetable, mineral and synthetic origins, where the wax is either solid or liquid at room temperature. The material has a low coefficient of friction and is inserted into the bed as an insert part. A pressing unit is arranged in an upper part of the bed. An independent claim is also included for a method of production of parts of a metering unit used in a production of a fibrous web.

IPC 8 full level
B05C 11/02 (2006.01); **F16C 17/00** (2006.01)

CPC (source: EP US)
B05C 11/025 (2013.01 - EP US); **B05C 11/041** (2013.01 - EP US); **B05C 11/044** (2013.01 - EP US); **D21H 25/10** (2013.01 - EP US); **D21H 23/32** (2013.01 - EP US)

Citation (applicant)

- DE 3022955 A1 19811224 - JAGENBERG WERKE AG [DE]
- DE 102004028754 A1 20060105 - VOITH PAPER PATENT GMBH [DE]
- DE 102004028755 A1 20060112 - VOITH PAPER PATENT GMBH [DE]
- DE 102004024079 A1 20051208 - VOITH PAPER PATENT GMBH [DE]

Citation (search report)

- [YX] US 5857779 A 19990112 - TSUKADA TORU [JP], et al
- [Y] EP 0190520 A2 19860813 - ROCKALL FRANCE SA STE NLE [FR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1719559 A1 20061108; AT 10513 U1 20090515; DE 102005020848 A1 20061109; DE 202006020478 U1 20080814; US 2006243201 A1 20061102

DOCDB simple family (application)
EP 06112050 A 20060331; AT 2982008 U 20080526; DE 102005020848 A 20050502; DE 202006020478 U 20060331; US 41378106 A 20060428