

Title (en)
Squeegee device.

Title (de)
Rakelgerät.

Title (fr)
Dispositif de raclage.

Publication
EP 0311743 A1 19890419 (DE)

Application
EP 88107936 A 19880518

Priority
• DE 3734747 A 19871010
• DE 8713788 U 19871010
• DE 8713789 U 19871010
• EP 87730126 A 19871010
• EP 87730128 A 19871010

Abstract (en)
[origin: WO8903256A1] Blade-coating mechanism (1) for applying spreading materials such as substances of different viscosity, coating materials, lacquers, adhesives, pastes, or similar on a coating surface (6) by means of a blade (5) pressed against the surface by magnetic force, a profile element (2) and a bearing (4) coupled with the latter. To prevent tilting and bending and to permit precise automatic adjustment of the blade pressure on the coating surface (6), the bearing (4) is arranged as a swivel bearing (3) on the profile element (2) in such a way that it can be freely tilted from a position parallel to the coating surface about at least one swivel axis (45) perpendicular to its longitudinal axis (20).

Abstract (de)
Rakelgerät (1) zum Auftragen von Auftragsmaterial wie Substanzen unterschiedlicher Viskosität, Beschichtungsstoffen, Lacken, Klebern, Pasten od. dgl. auf eine Auftragsfläche (6) mit einer durch Magnetkraft anpreßbaren Rakel (5), einem Profilkörper (2) und einer diesen anlenkenden Lagerung (4). Um eine verkantungsfreie, verbiegungsfreie und druckgenaue Selbsteinstellung der Rakel (5) an die Auftragsfläche (6) zu gewährleisten, ist die Lagerung (4) als Schwenklagerung (3) an dem Profilkörper (2) derart angeordnet, daß er gegenüber einer zur Auftragsfläche (6) parallelen Lage um mindestens eine zu seiner Längsachse (20) senkrechte Schwenkachse (45) frei kippbar ist.

IPC 1-7
B05C 11/04; B41F 15/42

IPC 8 full level
B41F 15/40 (2006.01); **B05C 1/10** (2006.01); **B05C 3/18** (2006.01); **B05C 5/02** (2006.01); **B05C 11/02** (2006.01); **B05C 11/04** (2006.01); **B41F 15/08** (2006.01); **B41F 15/42** (2006.01); **D21H 23/00** (2006.01); **D21H 23/32** (2006.01)

CPC (source: EP US)
B05C 1/10 (2013.01 - EP US); **B05C 11/025** (2013.01 - EP US); **B05C 11/041** (2013.01 - EP US); **B05C 11/042** (2013.01 - EP US); **B05C 11/044** (2013.01 - EP US); **B05C 11/045** (2013.01 - EP US); **B41F 15/084** (2013.01 - EP US); **B41F 15/42** (2013.01 - EP US); **B41F 15/426** (2013.01 - EP US)

Citation (search report)
[X] CH 464967 A 19681115 - ZIMMER PETER [AT]

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Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0311745 A1 19890419; EP 0311745 B1 19930224; AT E69981 T1 19911215; AT E80067 T1 19920915; AT E85904 T1 19930315; AU 1722188 A 19890502; AU 1781488 A 19890502; AU 1790188 A 19890502; AU 1931188 A 19890502; BR 8807240 A 19900301; BR 8807241 A 19891031; BR 8807742 A 19900807; BR 8807750 A 19901009; DE 3874274 D1 19921008; DE 3878630 D1 19930401; DE 3879354 D1 19930422; EP 0311743 A1 19890419; EP 0311743 B1 19911204; EP 0311744 A1 19890419; EP 0311744 B1 19920902; ES 2028938 T3 19920716; ES 2035150 T3 19930416; ES 2040775 T3 19931101; HU 207004 B 19930301; HU 207469 B 19930428; HU 209375 B 19940530; HU 213082 B 19970228; HU 883421 D0 19900728; HU 883513 D0 19901128; HU 883933 D0 19900928; HU 883948 D0 19901128; HU T52998 A 19900928; HU T53308 A 19901028; HU T60167 A 19920828; HU T60168 A 19920828; JP H02501540 A 19900531; JP H02502797 A 19900906; JP H03501822 A 19910425; JP H03501823 A 19910425; US 4920914 A 19900501; US 4993352 A 19910219; US 4998500 A 19910312; US 5063873 A 19911112; US 5134958 A 19920804; US 5156682 A 19921020; WO 8903256 A1 19890420; WO 8903257 A1 19890420; WO 8903258 A1 19890420; WO 8903259 A1 19890420

DOCDB simple family (application)
EP 88107936 A 19880518; AT 88107936 T 19880518; AT 88107937 T 19880518; AT 88107938 T 19880518; AU 1722188 A 19880518; AU 1781488 A 19880518; AU 1790188 A 19880518; AU 1931188 A 19880518; BR 8807240 A 19880518; BR 8807241 A 19880518; BR 8807742 A 19880518; BR 8807750 A 19880518; DE 3874274 T 19880518; DE 3878630 T 19880518; DE 3879354 T 19880518; EP 8800431 W 19880518; EP 8800432 W 19880518; EP 8800433 W 19880518; EP 8800434 W 19880518; EP 88107936 A 19880518; EP 88107937 A 19880518; ES 88107935 T 19880518; ES 88107936 T 19880518; ES 88107937 T 19880518; HU 342188 A 19880518; HU 351388 A 19880518; HU 393388 A 19880518; HU 394888 A 19880518; JP 50408788 A 19880518; JP 50430088 A 19880518; JP 50445288 A 19880518; JP 50469388 A 19880518; US 25560488 A 19881011; US 36443689 A 19890713; US 38168089 A 19890713; US 46956190 A 19900409; US 46956290 A 19900409; US 50125890 A 19900329