

Title (en)  
Squeegee device.

Title (de)  
Rakelgerät.

Title (fr)  
Dispositif de raclage.

Publication  
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Application  
**EP 88107936 A 19880518**

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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.

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IPC 8 full level  
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