

Title (en)  
Doctor blade device.

Title (de)  
Rakeleinrichtung.

Title (fr)  
Disposition de racles.

Publication  
**EP 0324139 A2 19890719 (DE)**

Application  
**EP 88121337 A 19881221**

Priority  
DE 3800411 A 19880109

Abstract (en)  
An offset printing machine has a half-tone roller (3) mounted above a trough from which ink is supplied by an inking roller. The ink trough is mounted on a support (9) which also supports two wiper blades (11,12). Each blade (11,12) is mounted loosely in a slot (15) formed in the support (9). The width of the slot exceeds the thickness of the blade by 0.03 to 0.04mm. The slot extends over the entire length of the blade support. When printing ink with a high viscosity is used, the friction between the wiper blades and the roller generates heat which causes the blades to expand. The clearance between blade and slot accommodates this expansion.

Abstract (de)  
Bei einer Rakeleinrichtung mit wenigstens einem Rakeblatt (11 bzw. 12), das auf einem Rakehalter (9) aufnehmbar ist, läßt sich dadurch einen schonende und dennoch zuverlässige Betriebsweise erreichen, daß das Rakeblatt (11 bzw. 12) lose in einen zugeordneten Einlegeschlitz (15) des Rakehalters einlegbar ist.

IPC 1-7  
**B41F 31/04**

IPC 8 full level  
**B41F 31/04** (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01)

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