

Title (en)  
Doctor blade device.

Title (de)  
Rakelvorrichtung.

Title (fr)  
Dispositif de raclage.

Publication  
**EP 0422344 B1 19931020 (DE)**

Application  
**EP 90114725 A 19900731**

Priority  
DE 3933844 A 19891010

Abstract (en)  
[origin: EP0422344A2] The invention relates to a doctor blade device, whose doctor blade, attached in a doctor blade holder, can be placed against a cylinder receiving ink, preferably the forme cylinder of a gravure printing machine. <??>To achieve the object of providing a doctor blade device of this type, in which the doctor blade can be pressed onto the cylinder with essentially the same contact pressure regardless of the length of the doctor blade holder, provision is made according to the invention for the doctor blade holder (117) to be connected rotatably by a plurality of journals (116) or the like, which are arranged at right angles to the longitudinal extension of said doctor blade holder, to an identical number of slide-type support pieces (113), which are guided displaceably in guides (114, 115) extending at right angles to the cylinder (120), and is pressed onto the cylinder (120) by a plurality of resilient pressing-on means, for example pressure medium piston cylinder units (121), which are distributed over the length of said doctor blade holder. <IMAGE>

IPC 1-7  
**B41F 9/10**

IPC 8 full level  
**B41F 9/10** (2006.01)

CPC (source: EP US)  
**B41F 9/1045** (2013.01 - EP US)

Cited by  
US8915184B2; WO2008141694A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 0422344 A2 19910417; EP 0422344 A3 19910605; EP 0422344 B1 19931020**; CA 2026858 A1 19910411; DE 3933844 A1 19910418; DE 59003148 D1 19931125; US 5136941 A 19920811

DOCDB simple family (application)  
**EP 90114725 A 19900731**; CA 2026858 A 19901003; DE 3933844 A 19891010; DE 59003148 T 19900731; US 59123590 A 19901001