

Title (en)  
DOCTOR APPARATUS

Title (de)  
SCHABER

Title (fr)  
RACLETTE

Publication  
**EP 0485597 B1 19960925 (EN)**

Application  
**EP 90907435 A 19900515**

Priority  
• CA 2064211 A 19900515  
• JP 9000611 W 19900515

Abstract (en)  
[origin: EP0485597A1] A doctor blade supporting structure for paper making rolls, which is provided with a reinforcing plate (5) laminated on a blade holder (2), and a finely adjusting screw (10) for use in regulating the blade holder (2) via the free edge (51), which is on the side of the blade (1), of the reinforcing plate (5) so that the blade holder (2) can be moved to engage and disengage from the blade (1). This structure enables a proper posture of the blade (1) to be retained, and the blade (1) in use to be engaged with the mating roll surface with a uniform and constant contact pressure distribution at all times. Moreover, the contact pressure of the blade (1) can be distributed uniformly in the axial direction of the roll surface.  
<IMAGE>

IPC 1-7  
**D21G 3/00**

IPC 8 full level  
**D21G 3/00** (2006.01)

CPC (source: EP)  
**D21G 3/005** (2013.01)

Cited by  
US7867364B2; EP1186703A3; EP1947239A3; CN107287970A; US6139638A; US5980692A; US6312563B1; US6547932B1; WO9932717A1; US8321992B2; WO0046446A1; WO9937856A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0485597 A1 19920520; EP 0485597 A4 19921021; EP 0485597 B1 19960925**; DE 69028707 D1 19961031

DOCDB simple family (application)  
**EP 90907435 A 19900515**; DE 69028707 T 19900515