

Title (en)  
Doctor blade

Title (de)  
Rakelvorrichtung

Title (fr)  
Dispositif de raclage

Publication  
**EP 1593440 B1 20120509 (DE)**

Application  
**EP 05102326 A 20050323**

Priority  
DE 102004018770 A 20040417

Abstract (en)  
[origin: EP1593440A2] In a papermaking process a semi-liquid suspension of fibrous material is spread evenly over a flat moving surface by a scraper blade (22) secured within a clamp. The clamping action is effected by two inflatable hoses (14, 26). The clamp action is supported by a rubber hose (29) whose contraction distance is less than that of the second hose (28). The supplementary hose (29) can also be retro-fitted to existing machinery.

IPC 8 full level  
**B05C 11/04** (2006.01); **D21G 3/00** (2006.01); **D21H 25/10** (2006.01)

CPC (source: EP)  
**B05C 11/041** (2013.01); **B05C 11/044** (2013.01); **D21G 3/00** (2013.01)

Cited by  
CN104582862A; US8082875B2; EP1789628B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1593440 A2 20051109; EP 1593440 A3 20101222; EP 1593440 B1 20120509**; AT E556787 T1 20120515; DE 102004018770 A1 20051103

DOCDB simple family (application)  
**EP 05102326 A 20050323**; AT 05102326 T 20050323; DE 102004018770 A 20040417