

Title (en)
Doctor blade

Title (de)
Schaber

Title (fr)
Couteau racleur

Publication
EP 0989234 A3 20001115 (DE)

Application
EP 99111853 A 19990619

Priority
DE 19841637 A 19980911

Abstract (en)
[origin: EP0989234A2] The scraper assembly, to clean the mantle surface of a rotating roller in a machine for the production and/or finishing of a fiber web has at least one sensor (7) to register the setting of the scraper blade (9) and/or scraper holder (8). It is linked to a control (6) to move a unit out of danger which could be affected by a scraper malfunction and/or the damaged unit. Where the system is at a papermaking press roller (4), on a malfunction of the scraper the control acts on the transfer of the web (1) from a roller (10) at a preceding station, by swinging the roller clear, and interrupt the web transfer action. On a malfunction, the scraper is swung clear of the roller (4) being cleaned.

IPC 1-7
D21G 3/00

IPC 8 full level
D21F 2/00 (2006.01); **D21G 3/00** (2006.01)

CPC (source: EP)
D21F 2/00 (2013.01); **D21G 3/005** (2013.01)

Citation (search report)
• [A] US 4919756 A 19900424 - SAWDAI ALBERT H [US]
• [A] EP 0684338 A2 19951129 - VOITH SULZER PAPIERMASCH GMBH [DE]

Cited by
US7264692B2; DE10296651B4; WO02084023A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19841637 A1 20000316; DE 59909307 D1 20040603; EP 0989234 A2 20000329; EP 0989234 A3 20001115; EP 0989234 B1 20040428

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