

Title (en)
Arrangement of a doctor blade

Title (de)
Schaberanordnung

Title (fr)
Arrangement d'un racloir

Publication
EP 1391552 B1 20061213 (DE)

Application
EP 03016855 A 20030724

Priority
DE 20212745 U 20020820

Abstract (en)
[origin: EP1391552A1] In a paper making assembly an essentially fixed but adjustable blade scrapes the surface of a rotating drum. The blade is mounted on an arm which rises and falls in response to the change in pressure within a flexible hose (8) under the arm (5). In its axial direction the hose (8) is esp. longer than the arm. The arm end makes contact with a de-activating switch limiting arm travel. The de-activation switch prevents contact between the hose (8) and the arm (5) in a given movement sector and limits pressure by the arm (5) on the base (7). The de-activation switch has an effective axial length which limits the force exerted by the blade holder (5) with the hose (8) along the length of the blade (4).

IPC 8 full level
D21G 3/00 (2006.01)

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

Cited by
US7867364B2; US7691236B2; US7431801B2

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EP 1391552 A1 20040225; EP 1391552 B1 20061213; AT E348220 T1 20070115; DE 20212745 U1 20021017; DE 50305937 D1 20070125

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