

Title (en)
DOCTOR BLADE DEVICE

Title (de)
RAKELVORRICHTUNG

Title (fr)
DISPOSITIF DE RACLAGE

Publication
EP 1789628 B2 20110112 (DE)

Application
EP 05773944 A 20050803

Priority
• EP 2005053781 W 20050803
• DE 102004040622 A 20040821

Abstract (en)
[origin: US2007144377A1] The present invention provides a doctor device for metering and/or equalizing a liquid-to-pasty medium applied to a running surface, wherein in the case of direct application the surface is a running paper web, paperboard web or other fibrous web and in the case of indirect application a transfer element which transfers the application medium to the fibrous web. The doctor device has a holder arranged on a support beam for accommodating a doctor element used for the metering and/or equalizing. The holder has a first fixed support face bar and a second moving support face bar, wherein to open and close the holder the second support face bar is displaceable respectively away from the first support face bar or toward it such that in the closed state of the holder the doctor element is fixed from the outside and in the open state of the holder it is released.

IPC 8 full level
D21G 3/00 (2006.01); **D21G 9/00** (2006.01); **D21H 25/10** (2006.01)

CPC (source: EP US)
D21H 25/10 (2013.01 - EP US)

Citation (opposition)
Opponent :
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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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007144377 A1 20070628; US 8082875 B2 20111227; AT E384825 T1 20080215; CN 100515582 C 20090722; CN 101006228 A 20070725; DE 102004040622 A1 20060223; DE 502005002691 D1 20080313; EP 1789628 A1 20070530; EP 1789628 B1 20080123; EP 1789628 B2 20110112; WO 2006021484 A1 20060302

DOCDB simple family (application)
US 67677007 A 20070220; AT 05773944 T 20050803; CN 200580028147 A 20050803; DE 102004040622 A 20040821; DE 502005002691 T 20050803; EP 05773944 A 20050803; EP 2005053781 W 20050803