

Title (en)
DOCTOR BLADE DEVICE

Title (de)
RAKELVORRICHTUNG

Title (fr)
DISPOSITIF DE RACLAGE

Publication
EP 1761341 A1 20070314 (DE)

Application
EP 05739769 A 20050503

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• EP 2005052007 W 20050503
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Abstract (en)
[origin: WO2005123269A1] The invention relates to a doctor blade device (10) for metering and/or leveling a liquid to pasty medium applied to a moving surface. When the medium is applied directly, the surface is a paper, cardboard or like fiber web. When the medium is applied indirectly, the surface is the surface of a transfer element which transfers the medium onto the fiber web. The doctor blade comprises a cylindrical doctor bar (13) and a contact tube (15) with which the doctor bar (13) is forced against the moving surface. The inventive device is characterized in that the doctor blade device (10, 20, 30) is a modular structure, comprising a top (11, 21, 31) and a base (12, 22, 32), whereby the top (11, 21, 31) is provided with a first holding device (14, 14a, 14b, 24, 34) for receiving the contact tube (15, 15a, 15b, 25, 35) and the base (12, 22, 32) with a second holding device (16, 16a, 16b, 26, 36) for receiving a clamped tube (17, 17a, 17b, 27, 37).

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B05C 11/025 (2013.01 - EP US); **D21H 25/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2005123269A1

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