

Title (en)

A DOCTOR BLADE ARRANGEMENT AND METHOD IN FIBRE PROCESSING

Title (de)

RAKELANORDNUNG UND ENTSPRECHENDES VERFAHREN IN DER FASERVERARBEITUNG

Title (fr)

AGENCEMENT DE RACLE ET PROCÉDÉ DE TRAITEMENT DE FIBRE

Publication

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Application

EP 10764734 A 20100329

Priority

- SE 2010050344 W 20100329
- SE 0950242 A 20090414

Abstract (en)

[origin: WO2010120228A1] An arrangement (30) for removal of a fibre web from a fibre conveying support (21) comprises a doctor beam (34) and a doctor blade (32) having a web contacting edge (33). The doctor blade (32) and the doctor beam (34) are attached to each other by a pivotable attachment (37). The arrangement further comprises a hose (40) for fluids arranged for applying a force between the doctor beam (34) and the doctor blade (32) at a distance from the pivotable attachment (37) when being pressurized to move the web contacting edge (33) towards the fibre conveying support (21) and a hose pressurizing arrangement connected to the hose (40). The arrangement can be utilized in a twin-wire press. A method for operating such an arrangement comprises preferably pressurizing of the hose and controlling the pressurizing dependent on an operating condition.

IPC 8 full level

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CPC (source: EP SE US)

D21F 1/80 (2013.01 - EP US); **D21F 2/00** (2013.01 - SE); **D21F 9/003** (2013.01 - SE); **D21G 3/005** (2013.01 - EP SE US)

Citation (search report)

- [XY] GB 825436 A 19591216 - D S T PATTERN AND ENGINEERING
- [Y] DE 10017038 A1 20011011 - VOITH PAPER PATENT GMBH [DE]
- [Y] US 4491521 A 19850101 - WENSKE ROLF [DE], et al
- See also references of WO 2010120228A1

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