

Title (en)  
Device and method for manufacturing a multi-layer fibrous sheet

Title (de)  
Vorrichtung und Verfahren zum Herstellen von mehrlagiger Faserbahn

Title (fr)  
Dispositif et procédé de fabrication d'une bande de fibre multicouche

Publication  
**EP 2228489 A1 20100915 (DE)**

Application  
**EP 10002594 A 20100312**

Priority  
DE 102009012476 A 20090312

Abstract (en)  
The method comprises pressing together two layers (34, 35) of multi-layered raw paper and wetting a layer of paper before pressing together with another layer, with a medium. A first medium is sprayed or fogged for wetting by a second medium. The spraying degree of the first medium is controlled over its throughput and/or over the pressure in second medium. The medium for wetting is suspension of a liquid-starch-mixture and the second medium is a gas. An independent claim is included for a device for the production of multi-layered raw paper.

Abstract (de)  
Bei einem Verfahren zum Herstellen von mehrlagiger Faserbahn, insbesondere mehrlagigem Rohpapier, bei dem mindestens zwei Lagen aus Papier (34, 35) aneinandergedrückt werden, soll wenigstens eine Lage (34, 35) vor dem Aneinanderlegen mit der anderen Lage mit einem Medium benetzt werden.

IPC 8 full level  
**D21F 9/00** (2006.01); **D21F 11/04** (2006.01); **D21G 7/00** (2006.01); **D21H 23/28** (2006.01); **D21H 23/50** (2006.01); **D21H 27/32** (2006.01)

CPC (source: EP)  
**D21F 9/006** (2013.01); **D21F 11/04** (2013.01); **D21G 7/00** (2013.01); **D21H 27/32** (2013.01); **D21H 17/28** (2013.01); **D21H 23/50** (2013.01)

Citation (applicant)  

- EP 1811082 A1 20070725 - VOITH PATENT GMBH [DE]
- WO 9205310 A1 19920402 - TAMPELLA PAPERTECH OY [FI]
- WO 9737838 A1 19971016 - LINCOLN PULP AND PAPER COMPANY [US]
- EP 1388608 A2 20040211 - VOITH PAPER PATENT GMBH [DE]

Citation (search report)  

- [X] WO 9737838 A1 19971016 - LINCOLN PULP AND PAPER COMPANY [US]
- [X] EP 1388608 A2 20040211 - VOITH PAPER PATENT GMBH [DE]
- [X] WO 9205310 A1 19920402 - TAMPELLA PAPERTECH OY [FI]

Cited by  
CN111183022A; GB2581723A; WO2019088993A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
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