

Title (en)  
Machine for making a web material

Title (de)  
Maschine zur Herstellung einer Materialbahn

Title (fr)  
Machine pour la fabrication d'une bande de matériau

Publication  
**EP 0802277 A3 19980408 (DE)**

Application  
**EP 97102551 A 19970218**

Priority  
DE 19615227 A 19960418

Abstract (en)  
[origin: EP0802277A2] The drying stage for a fibre web, in a papermaking or cardboard prodn. machine, has a number of drying cylinders and web guide suction rollers (11,13), with an external suction box (27,29) for pref. all the guide rollers (11,13). The guide roller mantle (31) has a number of passage holes (37) where some, and pref. all open into external grooves (35) at the outer surface (33) of the mantle (31). Also claimed is a drying stage operation where at least one groove (35) is fitted externally in the mantle (31) of the suction guide roller (11,13). Passage openings (37) are fitted to the groove. The roller (11,13) acts with an external suction box (27,29).

IPC 1-7  
**D21F 5/04**; **D21F 3/10**

IPC 8 full level  
**D21F 3/10** (2006.01); **D21F 5/04** (2006.01)

CPC (source: EP US)  
**D21F 3/10** (2013.01 - EP US); **D21F 5/042** (2013.01 - EP US)

Citation (search report)

- [X] DE 3910600 A1 19901004 - VOITH GMBH J M [DE]
- [Y] EP 0432571 A2 19910619 - VALMET PAPER MACHINERY INC [FI]
- [Y] WO 9403675 A1 19940217 - VOITH GMBH J M [DE], et al

Designated contracting state (EPC)  
DE FI SE

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**EP 97102551 A 19970218**; CA 2202951 A 19970417; CN 97110544 A 19970417; DE 19615227 A 19960418; US 83433397 A 19970416