

Title (en)

Machine for producing a fibrous web comprising a high vacuum suction device and method of producing a fibrous web

Title (de)

Maschine zur Herstellung einer Faserstoffbahn mit einem Hochvakuumsaugaggregat und Verfahren zur Herstellung einer Faserstoffbahn

Title (fr)

Machine pour fabriquer une bande fibreuse comprenant un dispositif d'aspiration à haut vide et procédé de fabrication d'une bande fibreuse

Publication

EP 1801286 A1 20070627 (DE)

Application

EP 06123715 A 20061109

Priority

DE 102005061100 A 20051221

Abstract (en)

Machine for producing a web of fibrous material on a water-permeable endless belt (5) comprises a high-vacuum suction system upstream of a press unit comprising a drying cylinder (12) and a press roll (13). An independent claim is also included for producing a web of fibrous material, where the web is carried on a water-permeable endless belt through a press nip between a drying cylinder and a press roll, by applying suction to the belt by means of a high-vacuum suction system upstream of the press nip.

IPC 8 full level

D21F 11/14 (2006.01); **D21F 1/52** (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP)

D21F 1/52 (2013.01); **D21F 3/0281** (2013.01); **D21F 3/045** (2013.01); **D21F 11/14** (2013.01)

Citation (applicant)

- EP 1176250 A2 20020130 - VOITH PAPER PATENT GMBH [DE]
- US 2005167061 A1 20050804 - SCHERB THOMAS T [BR], et al
- US 2004173333 A1 20040909 - HERMANS MICHAEL ALAN [US], et al
- US 5260171 A 19931109 - SMURKOSKI JOHN A [US], et al
- US 5776311 A 19980707 - TROKHAN PAUL DENNIS [US], et al
- EP 1586700 A1 20051019 - VOITH PAPER PATENT GMBH [DE]

Citation (search report)

- [X] US 2005167061 A1 20050804 - SCHERB THOMAS T [BR], et al
- [X] US 2004173333 A1 20040909 - HERMANS MICHAEL ALAN [US], et al
- [X] US 5260171 A 19931109 - SMURKOSKI JOHN A [US], et al
- [X] US 5776311 A 19980707 - TROKHAN PAUL DENNIS [US], et al
- [X] EP 1176250 A2 20020130 - VOITH PAPER PATENT GMBH [DE]
- [X] EP 1586700 A1 20051019 - VOITH PAPER PATENT GMBH [DE]

Cited by

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Designated contracting state (EPC)

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