

Title (en)

Suction roll for paper machine

Title (de)

Saugwalze für eine Papiermaschine

Title (fr)

Rouleau aspirant pour une machine à papier

Publication

EP 1760192 A1 20070307 (DE)

Application

EP 06115939 A 20060623

Priority

DE 102005041044 A 20050830

Abstract (en)

The roller (1) has a rotatable, perforated roll shell (2), and a pressure or a suction box (3) that is connected with a low pressure source and/or a high pressure source. A bending support (10) is arranged relative to the pressure or suction box in the roller in such a manner that a bending of the pressure or suction box is balanced by the bending support. A bias voltage is hydraulically, pneumatically, electrically applied by a spindle-type lifting gear or by an adjusting screw.

IPC 8 full level

D21F 3/10 (2006.01)

CPC (source: EP)

D21F 3/10 (2013.01)

Citation (applicant)

- US 2823593 A 19580218 - HERBERT HOLDEN
- DE 19724500 C1 19981022 - KUESTERS EDUARD MASCHF [DE]
- DE 10012386 A1 20001005 - VALMET CORP [FI]
- DE 20105600 U1 20010531 - METSO PAPER INC [FI]

Citation (search report)

- [X] US 2823593 A 19580218 - HERBERT HOLDEN
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- [X] DE 10012386 A1 20001005 - VALMET CORP [FI]
- [X] DE 20105600 U1 20010531 - METSO PAPER INC [FI]

Cited by

CN102995480A; CN103046421A

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1760192 A1 20070307; DE 102005041044 A1 20070301

DOCDB simple family (application)

EP 06115939 A 20060623; DE 102005041044 A 20050830