

Title (en)
Suction device

Title (de)
Saugvorrichtung

Title (fr)
Dispositif d'aspiration

Publication
EP 0945545 A3 20010103 (DE)

Application
EP 99104513 A 19990306

Priority
DE 19813772 A 19980327

Abstract (en)
[origin: EP0945545A2] The casing includes numerous separate suction slots (22, 22') facing the fibers. These extend along the travel of the fibers, or at an angle to it. The slot length is variable, part of it being separately adjustable and are in rows (A, B) parallel to travel. Part of the slot is angled with respect to the travel of the fibers, with mirror-symmetrical arrangement about the central plane. Preferred features: In cross section, the slot appearance is that of intermeshing adjustable combs. The tubular casing is formed as a vacuum chamber, extending fully over the comb screens, in the direction of fiber travel. There is only one such chamber covering the entire fibrous material width.

IPC 1-7
D21F 7/12; **D21F 1/52**

IPC 8 full level
D21F 1/52 (2006.01); **D21F 7/12** (2006.01)

CPC (source: EP US)
D21F 1/523 (2013.01 - EP US); **D21F 7/12** (2013.01 - EP US)

Citation (search report)

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- [XA] AT 306498 B 19730410 - LEDER & RIEMEN PATENT
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DE10216818A1; EP1685293A4; US7540943B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 99104513 A 19990306; DE 19813772 A 19980327; US 27775099 A 19990329