

Title (en)
Double-apron drafting device

Title (de)
Doppelriemchen-Streckwerk

Title (fr)
Dispositif d'étirage à double manchon

Publication
EP 0635590 B1 19991222 (DE)

Application
EP 94110436 A 19940705

Priority
DE 4323472 A 19930714

Abstract (en)
[origin: EP0635590A2] In a double-apron drawframe for spinning machines with a fibre-bundling zone which follows the pair of withdrawal rollers of the main drawing zone and which is followed by the pair of delivery rollers, during the amalgamation the fibre composite (FB) runs through an essentially plane stage, in which the fibre composite is supported on one side by a transport plane and a suction-air stream acts on the fibre composite (FB) through this transport plane approximately in the width of the desired amalgamation. The drawframe has, between the pair of withdrawal rollers and the pair of delivery rollers, a pneumatic compacting device formed by a perforated apron which is at the same time the transport plane for the fibre composite and which is subjected to suction by a suck-off device.

IPC 1-7
D01H 5/26; **D01H 5/72**

IPC 8 full level
D01H 1/02 (2006.01); **D01H 5/00** (2006.01); **D01H 5/26** (2006.01); **D01H 5/72** (2006.01)

CPC (source: EP US)
D01H 1/025 (2013.01 - EP US); **D01H 5/26** (2013.01 - EP US); **D01H 5/72** (2013.01 - EP US)

Citation (examination)
• DE 882066 C 19530706 - WARNER SWASEY CO
• FR 1117278 A 19560522
• FR 2520389 A1 19830729 - ASA SA [FR]
• CH 436062 A 19670515 - ZINSER TEXTILMASCHINEN GMBH [DE]
• DE 1035024 B 19580724 - LOUIS FRANCOIS GUIMBRETIERE, et al

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DE19815049B4; DE19815052B4; EP1389640A1; US6131382A; DE19815053B4; DE19964595B4; DE19911333B4; CN111850751A; DE19838762B4; US6131383A; DE19722772A1; DE19815054C1; US6318060B1; DE19815054C5; US6108873A; US6073314A; DE19815518C2; EP1302572A3; US6202398B1; WO2010114503A1; DE29925016U1; EP0947615A2; US6332312B1; DE19861404B4; DE19846268C2; DE19861403B4; DE19861402B4; EP3604646A1; US6957955B2; US6263656B1; EP0947617A2; US6189308B1

Designated contracting state (EPC)
CH DE FR IT LI

DOCDB simple family (publication)
DE 4323472 A1 19950119; **DE 4323472 C2 19970807**; CN 1056892 C 20000927; CN 1106476 A 19950809; DE 59409019 D1 20000127; EP 0635590 A2 19950125; EP 0635590 A3 19950614; EP 0635590 B1 19991222; EP 0635590 B2 20060125; JP 3183607 B2 20010709; JP H07238425 A 19950912; US 5600872 A 19970211

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DE 4323472 A 19930714; CN 94115786 A 19940714; DE 59409019 T 19940705; EP 94110436 A 19940705; JP 15553694 A 19940707; US 55136495 A 19951101