

Title (en)

Carding machine with a rotating suction transfer device

Title (de)

Karde mit einer drehbaren Absaugübertragungsvorrichtung

Title (fr)

Carde comportant un organe de transfert rotatif aspirant

Publication

EP 1589132 B1 20070613 (FR)

Application

EP 04370011 A 20040422

Priority

EP 04370011 A 20040422

Abstract (en)

[origin: EP1589132A1] The carding machine for making at least one fibre web (V1, V2) consists of a carding drum (1), doffing cylinders (2), condensing rollers (3), lifting cylinders (4) and transporting surfaces (6), with the lifting cylinders rotating at a speed of at least 130 m/min, and preferably 150 m/min or more. Between each lifting cylinder and transporting surface there is a rotary suction transfer roller (5) designed to transfer the fibre web between the two while holding it in place by suction. In a variant of the design each of the cylindrical transfer rollers can be replaced by a belt.

IPC 8 full level

D01G 15/46 (2006.01)

CPC (source: EP)

D01G 15/46 (2013.01)

Cited by

CN105200570A; US2022056624A1; EP3575455A1; FR3081885A1; TWI825101B; EP3575455B1; WO2020144084A1

Designated contracting state (EPC)

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