

Title (en)

Method to reduce the accumulation of fibres in the lateral parts of a carding cylinder, and a card equipped with means to implement this method

Title (de)

Verfahren zum Verringern der Ansammlung von Fasern in den seitlichen Teilen eines Kardierzylinders, und eine ausgerüstete Karte mit Mittel zur Durchführung

Title (fr)

Procédé pour réduire l'accumulation de fibres dans les parties latérales d'un cylindre de carde, et carde équipée de moyens pour la mise en oeuvre de ce procédé

Publication

**EP 1612304 B1 20070117 (FR)**

Application

**EP 05370011 A 20050530**

Priority

FR 0407187 A 20040630

Abstract (en)

[origin: EP1612304A1] The carding machine has at least one rotary cylinder (5) with a flange (F) on each end, and a fixed casing (11) covering part of its curved outer surface, forming a sealed chamber (E) that can be fed with air to create an internal pressure that prevents fibres entering it. The seal between the flange and curved casing is formed by a joint (10) set in a peripheral groove in the flange, and the air feed is delivered by a fan through an external duct (13) connected to the flange and attached to the carding machine's fixed frame.

IPC 8 full level

**D01G 15/32** (2006.01); **D01G 15/76** (2006.01)

CPC (source: EP)

**D01G 15/32** (2013.01); **D01G 15/763** (2013.01)

Cited by

FR3051199A1; EP1736575A1; WO2017194878A1

Designated contracting state (EPC)

BE CH DE ES FR IT LI

DOCDB simple family (publication)

**EP 1612304 A1 20060104**; **EP 1612304 B1 20070117**; CN 1715468 A 20060104; CN 1715468 B 20110119; DE 602005000464 D1 20070308; DE 602005000464 T2 20071031; ES 2277327 T3 20070701; FR 2872521 A1 20060106; FR 2872521 B1 20061201

DOCDB simple family (application)

**EP 05370011 A 20050530**; CN 200510081162 A 20050629; DE 602005000464 T 20050530; ES 05370011 T 20050530; FR 0407187 A 20040630