

Title (en)
CLEANING DEVICE FOR A TEXTILE MACHINE

Title (de)
REINIGUNGSVORRICHTUNG FÜR EINE TEXTILMASCHINE.

Title (fr)
DISPOSITIF DE NETTOYAGE POUR UNE MACHINE TEXTILE

Publication
EP 1913185 A1 20080423 (DE)

Application
EP 06761252 A 20060802

Priority
• CH 2006000401 W 20060802
• DE 102005038419 A 20050812

Abstract (en)
[origin: WO2007019716A1] Disclosed is a cleaning device for a textile machine (1), particularly a carding machine (1) or a blow room machine. Said cleaning device comprises a rotatable opening cylinder (8) for opening delivered fiber material (FM), e.g. a licker-in (8), and at least one dirt outlet (16) for eliminating dirt material (SM) from the delivered fiber material (FM). Said dirt outlet (16) is disposed in a zone located along the periphery of the opening cylinder (8) and is delimited by an edge element (17), e.g. a mote knife (17), at the end pointing in the direction of rotation (D2) of the opening cylinder (8). The edge element (17) is arranged on a support (18) that can be swiveled about a supporting shaft (22) such that the length (31) of the dirt outlet (16) along the periphery of the opening cylinder (8) can be modified. The inventive cleaning device further comprises a dirt discharge duct (40) extending from the dirt outlet (16) to a suction chamber (19) as well as an air inlet (41) that is assigned to the dirt discharge duct (40) and is used for feeding an intake air flow (ZL). A shielding element (42) which blocks the dirt outlet (16) relative to the delivered intake air flow (ZL) is assigned to the dirt discharge duct (40) such that the intake air flow (ZL) is largely prevented from influencing the elimination of dirt material (SM).

IPC 8 full level
D01G 15/34 (2006.01); **D01G 15/82** (2006.01)

CPC (source: EP)
D01G 15/34 (2013.01); **D01G 15/825** (2013.01)

Citation (search report)
See references of WO 2007019716A1

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
DE 102005038419 A1 20070215; CN 101243217 A 20080813; EP 1913185 A1 20080423; WO 2007019716 A1 20070222

DOCDB simple family (application)
DE 102005038419 A 20050812; CH 2006000401 W 20060802; CN 200680029523 A 20060802; EP 06761252 A 20060802