

Title (en)

COMPACTION APPARATUS WITH A CLEANING DEVICE

Title (de)

VERDICHTUNGSVORRICHTUNG MIT EINER REINIGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE COMPRESSION AVEC UN DISPOSITIF DE NETTOYAGE

Publication

**EP 3144420 B1 20200422 (DE)**

Application

**EP 16185820 A 20160826**

Priority

CH 13532015 A 20150918

Abstract (en)

[origin: CN106544764A] The invention relates to a cleaning device for a compression device with a drive element (70) and a fiber processing element (26) which is rotatably mounted about an axis of rotation and has a projection (72). The projection (72) cooperates with the drive element (70) and forms a gear stage (G2). The gear stage (G2) is designed in such a way that the fiber processing element (26) and the drive element (70) rotate at a different rotational speed. According to the invention, the cleaning device comprises a cleaning element (76) which is arranged in the direction of the axis of rotation on an end face (82) of the drive element (70) facing away from the fiber processing element (26) and is non-rotatably connected to the projection (72). Furthermore, the cleaning element 76 has at least one stripping edge 78, which extends in a plane (88) parallel to the end face (82) of the drive element (70) and has an increasing distance from the axis of rotation.

IPC 8 full level

**D01H 5/72** (2006.01)

CPC (source: CN EP)

**D01H 5/72** (2013.01 - EP); **D01H 11/00** (2013.01 - CN EP)

Cited by

WO2024153747A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3144420 A1 20170322**; **EP 3144420 B1 20200422**; CH 711549 A1 20170331; CN 106544764 A 20170329; CN 106544764 B 20201208

DOCDB simple family (application)

**EP 16185820 A 20160826**; CH 13532015 A 20150918; CN 201610823324 A 20160914