

Title (en)
COMPRESSION DEVICE FOR A SPINNING MACHINE

Title (de)
VERDICHTUNGSVORRICHTUNG FÜR EINE SPINNMASCHINE

Title (fr)
DISPOSITIF DE COMPACTAGE POUR UN MÉTIER À FILER

Publication
EP 3642403 A1 20200429 (DE)

Application
EP 18734963 A 20180606

Priority
• CH 8242017 A 20170623
• IB 2018054031 W 20180606

Abstract (en)
[origin: WO2018234912A1] The invention relates to a compression device, comprising two suction drums (17), wherein one suction drum (17) can be assigned to a output roll pair (7, 8) of a drafting unit (2) of a spinning machine, wherein the output roll pair (7, 8) consists of an output lower roll (7) and an output upper roll (8), wherein the suction drums (17) are mounted for rotation, by means of a bearing, on a shaft fastened to a support element, wherein a suction duct (31) runs inside the support element and wherein the suction drums (31) each have a drive element (40) which forms a drive connection with the output lower roll (7) in the operating position. The invention is characterized in that a protective guard (42) is arranged on the axle for the nip rolls (18) to prevent the formation of winding. The invention further relates to a protective guard (42) and a corresponding textile machine.

IPC 8 full level
D01H 5/62 (2006.01); **D01H 5/72** (2006.01)

CPC (source: CH EP US)
D01H 1/025 (2013.01 - US); **D01H 5/60** (2013.01 - US); **D01H 5/62** (2013.01 - EP); **D01H 5/72** (2013.01 - CH EP US); **D01H 1/025** (2013.01 - CH)

Citation (search report)
See references of WO 2018234912A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018234912 A1 20181227; CH 713916 A1 20181228; CN 110741112 A 20200131; EP 3642403 A1 20200429; JP 2020524756 A 20200820; US 2020216985 A1 20200709

DOCDB simple family (application)
IB 2018054031 W 20180606; CH 8242017 A 20170623; CN 201880041760 A 20180606; EP 18734963 A 20180606; JP 2019570916 A 20180606; US 201816624324 A 20180606