Title (en)

CARRIER ELEMENT FOR A COMPACTION DEVICE

Title (de)

TRAGELEMENT FÜR EINE VERDICHTUNGSVORRICHTUNG

Title (fr)

ELÉMENT DE SUPPORT POUR UN DISPOSITIF DE COMPRESSION

Publication

EP 2828423 B1 20171018 (DE)

Application

EP 13716361 A 20130308

Priority

- CH 3922012 A 20120321
- IB 2013000320 W 20130308

Abstract (en)

[origin: WO2013140215A1] The invention relates to a carrier element (20) for a compaction device (VM) for two juxtaposed stretching units (2) of a spinning machine, comprising a suction channel (SK) that extends within said carrier element (20) and is connected to a suction zone (Z) of suction drums (17) by means of suction insert (18) openings (S), one suction drum (17) being associated in each case with the output roller pair (7, 8) of the stretching unit (2) in question, and the suction drums (17) lying, with their end-faces (84) open on one side, coaxially opposite and spaced apart from one another and being rotatably mounted on a shaft (22) which is secured to the carrier element (20). In order to produce the carrier element in a simple and cost-effective manner, it is suggested that the carrier element (20) consists of two half-shells (H1, H2) which form the suction channel (SK) and are interconnected by fastening means (48), each of said half-shells comprising an outwardly-projecting tubular suction insert (18) lying coaxially one opposite the other, and each suction insert having at least one bearing element (G) that is provided with a through-opening (B) and comprises at least one support element (C) by means of which said shaft (22) is retained in the radial direction.

IPC 8 full level

D01H 5/72 (2006.01)

CPC (source: CN EP US)

D01H 5/22 (2013.01 - US); **D01H 5/72** (2013.01 - CN EP US); **D01H 5/74** (2013.01 - US)

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)

WO 2013140215 A1 20130926; CH 706258 A2 20130930; CN 104520480 A 20150415; CN 104520480 B 20160817; EP 2828423 A1 20150128; EP 2828423 B1 20171018; JP 2015514878 A 20150521; JP 6147328 B2 20170614; US 2015027098 A1 20150129; US 9695526 B2 20170704

DOCDB simple family (application)

IB 2013000320 W 20130308; CH 3922012 A 20120321; CN 201380026711 A 20130308; EP 13716361 A 20130308; JP 2015500993 A 20130308; US 201314386162 A 20130308