

Title (en)

YARN TRAVERSING DEVICE FOR A WINDING DEVICE IN A TEXTILE MACHINE PRODUCING CROSSWOUND BOBBINS

Title (de)

FADENCHANGIEREINRICHTUNG FÜR EINE SPULVORRICHTUNG EINER KREUZSPULENHERSTELLENDEN TEXTILMASCHINE

Title (fr)

DISPOSITIF DE VA-ET-VIENT DE FIL POUR UN BOBINOIR D'UNE MACHINE TEXTILE FABRIQUANT DES BOBINES À FIL CROISÉ

Publication

EP 3214029 B1 20180725 (DE)

Application

EP 17152416 A 20170120

Previously filed application

102016002762 20160305 DE

Priority

DE 102016002762 A 20160305

Abstract (en)

[origin: US2017253457A1] A yarn traversing device (11) for a spooling device (4) of a textile machine producing cross-wound bobbins (1) comprises a yarn guide (25), which is connected by an endless tensioning means designed as a toothed belt (30) to a single drive (34), wherein the toothed belt (30) rotates in a largely closed housing (23) of the yarn traversing device (11) and is guided by guide wheels (31 or 32) arranged laterally next to a traversing area (B) and a drive wheel (41) connected to the electric motor single drive (34). The guide wheels (31 or 32) each have a smooth running surface (33), which is largely resistant to dirt, over which the toothed belt (30) runs with its toothing (38).

IPC 8 full level

B65H 54/28 (2006.01)

CPC (source: CN EP US)

B65H 54/06 (2013.01 - US); **B65H 54/2821** (2013.01 - EP US); **B65H 57/14** (2013.01 - CN); **B65H 2701/31** (2013.01 - CN EP US)

Citation (opposition)

Opponent : MASCHINENFABRIK RIETER AG

- DE 102013113195 A1 20150528 - OERLIKON TEXTILE GMBH & CO KG [DE]
- DE 102010027700 A1 20110127 - TMT MACHINERY INC [JP]
- DE 102004003173 A1 20050811 - SAURER GMBH & CO KG [DE]
- DE 3734478 A1 19890427 - SCHUBERT & SALZER MASCHINEN [DE]

Cited by

CN112744640A

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 3214029 A1 20170906; **EP 3214029 B1 20180725**; BR 102017003048 A2 20170912; BR 102017003048 B1 20221011; CN 107150925 A 20170912; CN 107150925 B 20191224; DE 102016002762 A1 20170907; DE 102016002762 B4 20230525; TR 201815092 T4 20181121; US 2017253457 A1 20170907; US 9868611 B2 20180116

DOCDB simple family (application)

EP 17152416 A 20170120; BR 102017003048 A 20170215; CN 201710070734 A 20170209; DE 102016002762 A 20160305; TR 201815092 T 20170120; US 201715422839 A 20170202