

Title (en)

WINDING DEVICE FOR ROLLERS FOR KNITWEAR MACHINES

Title (de)

WICKELVORRICHTUNG FÜR WALZEN FÜR STRICKMASCHINEN

Title (fr)

DISPOSITIF D'ENROULEMENT DE ROULEAUX POUR MACHINES À TRICOTER

Publication

EP 3805438 A1 20210414 (EN)

Application

EP 20000341 A 20200923

Priority

IT 201900018137 A 20191007

Abstract (en)

A winding device (10) for rollers of knitwear machines is described, comprising: motor means (11); coupling means (12) rotatably connected to the motor means (11) and designed to be coupled with a shaft (21) of a roller (20) rotatable around its own axis (X'), to transmit to the roller (20) the rotation motion of the motor means; blocking means (15) designed to axially block the device (10) on the shaft (21) of the roller (20); aligning means (16) designed to align a rotation axis (X) of the coupling means (12) with the axis (X') of the shaft (21) of the roller (20), making the two axes (X and X') coincide to compensate for misalignments between the coupling means (12) and the shaft (21) of the roller (20).

IPC 8 full level

D04B 15/88 (2006.01); **B65H 18/10** (2006.01)

CPC (source: EP)

B65H 18/028 (2013.01); **B65H 18/10** (2013.01); **D04B 15/88** (2013.01); **B65H 2301/41366** (2013.01); **B65H 2405/4221** (2013.01); **B65H 2701/174** (2013.01)

Citation (applicant)

- US 5794885 A 19980818 - HUSEK JIRI [CZ], et al
- WO 2014001966 A1 20140103 - PRO GI DI STISCIA STEFANIA [IT]
- DE 3911159 A1 19901011 - GEISLER & KUPER GMBH [DE]
- US 2016008776 A1 20160114 - HAYES MARK [US], et al

Citation (search report)

- [A] US 5794885 A 19980818 - HUSEK JIRI [CZ], et al
- [A] WO 2014001966 A1 20140103 - PRO GI DI STISCIA STEFANIA [IT]
- [A] DE 3911159 A1 19901011 - GEISLER & KUPER GMBH [DE]
- [A] US 4749301 A 19880607 - SUZUKI TSUNEHICO [JP]
- [A] US 2004104298 A1 20040603 - CAVALIERE VINNY [US], et al
- [A] DE 3617533 A1 19870115 - NAGEMA VEB K [DD]

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)

EP 3805438 A1 20210414; **EP 3805438 B1 20220525**; IT 201900018137 A1 20200107

DOCDB simple family (application)

EP 20000341 A 20200923; IT 201900018137 A 20191007