

Title (en)

THREAD BRAKING DEVICE FOR A WEFT FEEDER DEVICE

Title (de)

FADENBREMSE FÜR EINE SCHUSSFADENZUFÜHRVORRICHTUNG

Title (fr)

DISPOSITIF DE FREINAGE DE FIL POUR UN DISPOSITIF D'ALIMENTATION DE TRAME

Publication

EP 3679186 A1 20200715 (EN)

Application

EP 18746720 A 20180806

Priority

- BE 201700123 A 20170907
- EP 2018071227 W 20180806

Abstract (en)

[origin: WO2019048158A1] Thread braking device for a weft feeder device (1) comprising a annular braking band (15) for forming a braking zone (16) for a weft thread (7), wherein the braking band (15) is supported by the support structure (17), wherein the support structure (17) is at least partly elastically deformable by an axial force exerted on the support structure (17), wherein the support structure (17) is provided with at least one stiffening element (41, 43) surrounding the braking band (15) at a rear side of the braking band (15), wherein in a non-deformed state of the support structure (17) the braking band (15) is arranged at a distance of the stiffening element (41, 43) and by exerting an axial force on the support structure (17), the support structure (17) is deformable so that the braking band (15) at the rear side of the braking band (15) is supported by the stiffening element (41, 43). Weft feeder device with such a thread braking device (3).

IPC 8 full level

D03D 47/36 (2006.01)

CPC (source: EP)

D03D 47/366 (2013.01)

Citation (search report)

See references of WO 2019048158A1

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 2019048158 A1 20190314; WO 2019048158 A9 20210923; BE 1025536 A1 20190402; BE 1025536 B1 20190408; CN 111051586 A 20200421; CN 111051586 B 20210511; EP 3679186 A1 20200715; EP 3679186 B1 20220105

DOCDB simple family (application)

EP 2018071227 W 20180806; BE 201700123 A 20170907; CN 201880058115 A 20180806; EP 18746720 A 20180806