

Title (en)

WEFT BRAKING DEVICE FOR ACCUMULATOR YARN FEEDERS

Title (de)

SCHUSSFADENBREMSVORRICHTUNG FÜR SPEICHERFADENZUFÜHRVORRICHTUNGEN

Title (fr)

DISPOSITIF DE FREINAGE DE TRAME POUR FOURNISSEURS DE FIL D'ACCUMULATEUR

Publication

**EP 3835469 A1 20210616 (EN)**

Application

**EP 20207001 A 20201111**

Priority

IT 201900023889 A 20191213

Abstract (en)

A weft braking device comprises an axially symmetrical concave body (16) which is pushed with its internal surface against the delivery edge (12a) of the drum (12) of an accumulator yarn feeder. A wear-resistant lamina (20), which has a concave annular profile delimited between an internal annular edge (20a) and an external annular edge (20b), covers an internal annular surface (S) of the concave body (16) in the region in which it abuts against the drum (12). The concave body (16) has a series of slits (22) which are arranged along a circumference thereof, and the wear-resistant lamina (20) has a series of fins (24) which project from the external annular edge (20b) thereof and can be inserted into the slits (22). The wear-resistant lamina (20) is made of a flexible material having a thickness such that it can be initially applied to the concave body (16) with an opposite concavity with respect thereto, and then turned inside out with matching concavity.

IPC 8 full level

**D03D 47/36** (2006.01)

CPC (source: CN EP)

**B65H 59/04** (2013.01 - CN); **D03D 47/366** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN)

Citation (applicant)

- EP 0957058 A2 19991117 - LGL ELECTRONICS SPA [IT]
- US 6322016 B1 20011127 - JACOBSSON KURT ARNE GUNNAR [SE], et al
- IT 201900023889 A 20191213

Citation (search report)

- [AD] US 6322016 B1 20011127 - JACOBSSON KURT ARNE GUNNAR [SE], et al
- [A] WO 9920557 A1 19990429 - ROJ ELECTROTTEX NUOVA SRL [IT], et al

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 3835469 A1 20210616**; **EP 3835469 B1 20220511**; CN 112978500 A 20210618; CN 112978500 B 20240702; IT 201900023889 A1 20210613

DOCDB simple family (application)

**EP 20207001 A 20201111**; CN 202011447333 A 20201208; IT 201900023889 A 20191213