

Title (en)

YARN FEEDER WITH MOTOR ASSEMBLY FOR YARN TENSION REGULATION

Title (de)

FADENFÜHRER MIT MOTORANORDNUNG ZUR REGELUNG DER FADENSANNUNG

Title (fr)

DISPOSITIF DE DISTRIBUTION DE FIL COMPRENANT ENSEMBLE MOTEUR POUR RÉGULATION DE TENSION DE FIL

Publication

EP 3390707 B1 20200115 (EN)

Application

EP 16876142 A 20161122

Priority

- SE 1500516 A 20151216
- SE 2016051153 W 20161122

Abstract (en)

[origin: WO2017105315A1] Described are, among other things, a yarn feeder yarn feeder (10) comprising a brake motor assembly (20). The brake motor assembly (20) is adapted to control the position of a braking element (16) cooperating with a spool body (18) of the yarn feeder (10). The yarn feeder (10) further comprises a quick release mechanism whereby the braking element (16) can be moved from a braking position where the braking element (16) is positioned to brake a yarn withdrawn from the yarn feeder (10) and a gap position where the braking element (16) is distanced from the spool body (18). A motor (26) of the brake motor assembly (20) is fixedly arranged in or attached to a part that is released when operating-said quick release mechanism. Hereby it is possible to provide a motor driven braking element in a yarn feeder with a quick release mechanism.

IPC 8 full level

D03D 47/34 (2006.01); **B65H 51/22** (2006.01); **B65H 59/06** (2006.01); **D03D 47/36** (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP)

D03D 47/366 (2013.01); **D04B 15/484** (2013.01)

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 2017105315 A1 20170622; CN 108884610 A 20181123; CN 108884610 B 20201013; EP 3390707 A1 20181024; EP 3390707 A4 20190102; EP 3390707 B1 20200115

DOCDB simple family (application)

SE 2016051153 W 20161122; CN 201680072503 A 20161122; EP 16876142 A 20161122