

Title (en)

WEFT YARN FEEDING ARRANGEMENT WITH ENDLESS RUNNING BELT AND A METHOD FOR CONTROLLING THE ARRANGEMENT

Title (de)

SCHUSSFADENZUFÜHRVORRICHTUNG MIT ENDLOS LAUFENDEM BAND UND VERFAHREN ZUM STEUERN DER ANORDNUNG

Title (fr)

DISPOSITIF D'ALIMENTATION DE FIL DE TRAME À COURROIE SANS FIN ET PROCÉDÉ DE COMMANDE DU DISPOSITIF

Publication

EP 3481980 B1 20211027 (EN)

Application

EP 17824625 A 20170620

Priority

- SE 1650987 A 20160706
- SE 2017050669 W 20170620

Abstract (en)

[origin: WO2018009120A1] Described are, among other things, methods and devices for feeding weft yarn to a weaving machine (10) using a yarn feeding device (16) comprising at least one endless running belt (22) driven by a controlled motor (24). The running belt comprises at least one yarn transport element (26) each, the yarn transport element(s) being adapted to draw yarn (40) from a yarn storage (14) and to release the yarn at a set location to form a loop or loops of yarn acting as a yarn buffer for the weaving machine. There is also at least one yarn restraining element (30) adapted to hold the yarn in a loop.

IPC 8 full level

D03D 47/36 (2006.01)

CPC (source: EP)

D03D 47/36 (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 2018009120 A1 20180111; CN 109415851 A 20190301; CN 109415851 B 20210709; EP 3481980 A1 20190515; EP 3481980 A4 20200226; EP 3481980 B1 20211027

DOCDB simple family (application)

SE 2017050669 W 20170620; CN 201780039919 A 20170620; EP 17824625 A 20170620