

Title (en)

YARN FEEDING DEVICE WITH LONG YARN BUFFER

Title (de)

FADENZUFÜHRUNGSVORRICHTUNG MIT LANGGARNPUFFER

Title (fr)

DISPOSITIF D'ALIMENTATION DE FIL COMPRENANT UN DISPOSITIF TAMPON DE FIL LONG

Publication

**EP 3497274 A4 20200311 (EN)**

Application

**EP 17839920 A 20170620**

Priority

- SE 1650988 A 20160809
- SE 2017050670 W 20170620

Abstract (en)

[origin: WO2018030932A1] Described are, among other things, methods and devices for feeding yarn to a textile machine(10). The yarn feeding device comprises a moveable yarn carrier (24) adapted to transport yarn in a first, forward direction and a loop former (18) adapted to draw yarn from a yarn storage (14). The device also has moveable loop keeping members (20) arranged at opposite lateral sides of an input section of the moveable yarn carrier, wherein the loop former is adapted to position yarn on the moving loop keeping members by moving the yarn from side to side. The moveable loop keeping members are adapted to hold the yarn positioned thereon and to release the yarn onto the moveable yarn carrier in a meandering pattern at an input area of the moveable yarn carrier and the yarn lying on the moveable carrier is adapted to leave the moveable yarn carrier at an output section of the moveable yarn carrier.

IPC 8 full level

**D03D 47/34** (2006.01); **B65H 51/20** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP SE)

**B65H 51/20** (2013.01 - EP); **B65H 51/22** (2013.01 - SE); **D03D 47/34** (2013.01 - EP SE); **D03D 47/369** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

- [XAI] FR 2558854 A1 19850802 - ALSACIENNE CONSTR MAT TEX [FR]
- [A] FR 2566436 A2 19851227 - ALSACIENNE CONSTR MAT TEX [FR]
- [A] AU 441457 B2 19731012
- [A] US 5150739 A 19920929 - BLACKWELL DANIEL C [US], et al
- See references of WO 2018030932A1

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 2018030932 A1 20180215**; CN 109477260 A 20190315; CN 109477260 B 20210716; EP 3497274 A1 20190619; EP 3497274 A4 20200311; EP 3497274 B1 20230322; SE 1650988 A1 20180210

DOCDB simple family (application)

**SE 2017050670 W 20170620**; CN 201780045480 A 20170620; EP 17839920 A 20170620; SE 1650988 A 20160809