

Title (en)  
THREAD DELIVERY DEVICE AND SYSTEM WITH SUCH A DEVICE

Title (de)  
FADENLIEFERGERÄT UND SYSTEM MIT EINEM FADENLIEFERGERÄT

Title (fr)  
FOURNISSEUR DE FIL ET SYSTÈME DOTÉ D'UN FOURNISSEUR DE FIL

Publication  
**EP 3587643 B1 20201202 (DE)**

Application  
**EP 19180832 A 20190618**

Priority  
DE 102018115631 A 20180628

Abstract (en)  
[origin: CN110656434A] The invention relates to a thread feeder and a system with a thread feeder, in particular to a thread feeder according to the invention for feeding thread to a textile machine. The yarn feeder is provided with: a housing; a storage device via which yarn is pulled out after penetrating through the textile machine; a winding element for winding the yarn onto the storage device; a drivable shaft for driving the winding element; a magnet assembly used for fixing the storage device to the housing; a bearing device for rotatably supporting the shaft with respect to the storage device; and a locking device used for locking the bearing device. A swing unit is designed to convey thread loops wound on the storage body at intervals in a separation section, wherein a conveying element can move beyond the wrapping surface of the storage body through an opening. The swing unit is designed to move the thread loops wound on the storage body in the direction of the lower edge of the storage body without spacing in a collection section, which is coupled to the separation section and is arranged above the pull-out height of the storage body.

IPC 8 full level  
**D04B 15/48** (2006.01)

CPC (source: CN EP)  
**D04B 15/48** (2013.01 - CN); **D04B 15/482** (2013.01 - EP); **D04B 15/484** (2013.01 - EP)

Cited by  
EP3945150A1; IT202000018535A1

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)  
**EP 3587643 A1 20200101**; **EP 3587643 B1 20201202**; CN 110656434 A 20200107; CN 110656434 B 20210413;  
DE 102018115631 A1 20200102; TW 202005897 A 20200201; TW I698390 B 20200711

DOCDB simple family (application)  
**EP 19180832 A 20190618**; CN 201910574908 A 20190628; DE 102018115631 A 20180628; TW 108122274 A 20190626