

Title (en)

Apparatus for winding a yarn on a bobbin.

Title (de)

Vorrichtung zum Aufwickeln eines Fadens auf eine Spulenhülse.

Title (fr)

Dispositif pour enrouler un fil sur une bobine.

Publication

EP 0534121 B1 19950524 (DE)

Application

EP 92113992 A 19920817

Priority

DE 4131450 A 19910921

Abstract (en)

[origin: JPH05201615A] PURPOSE: To facilitate threading by allowing passing a first thread deflecting device at position between a thread feeding device and the first thread deflecting device and to pass through a second thread deflecting device linked with the first device and allowing a thread loop pass through a third thread deflecting device. CONSTITUTION: A main thread traversing guide 14.1 and a compensating thread traversing guide 13.1 with a stroke of its half are provided to guide a thread F from a feeding device via a stationary deflecting guide roller 12, a third deflecting guide roller 13, and a second deflecting guide roller 14. On the other hand, a threading device is formed with a centering disk 18.1 for clamping the end of the thread to a spool body 15 and a guiding plate 19 for guiding to a thread catch 20.2 through the guide roller 12. Then, the thread is moved by a first follower 21, given a returning stroke by a second follower 22 next and removed from a catch 20.2 to be threaded into the guide roller 12. Next, the second follower 22 threads the thread into the guide roller 13 and the roller 12 in order.

IPC 1-7

B65H 59/00

IPC 8 full level

B65H 51/28 (2006.01); **B65H 54/28** (2006.01); **B65H 54/34** (2006.01); **B65H 57/28** (2006.01); **B65H 59/00** (2006.01); **D01H 7/86** (2006.01)

CPC (source: EP US)

B65H 54/2818 (2013.01 - EP US); **B65H 57/003** (2013.01 - EP US); **B65H 59/005** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

CN109554784A; US2014296073A1; CN106915659A

Designated contracting state (EPC)

FR IT

DOCDB simple family (publication)

DE 4131450 C1 19921008; CZ 283248 B6 19980218; CZ 289292 A3 19930714; DE 59202324 D1 19950629; EP 0534121 A1 19930331; EP 0534121 B1 19950524; JP H05201615 A 19930810; US 5242128 A 19930907

DOCDB simple family (application)

DE 4131450 A 19910921; CS 289292 A 19920921; DE 59202324 T 19920817; EP 92113992 A 19920817; JP 25120992 A 19920921; US 94909392 A 19920921