

Title (en)

DEVICE FOR RETAINING A SLEEVE AROUND A MANDREL

Title (de)

VORRICHTUNG ZUM HALTEN EINER HÜLSE UM EINE SPINDEL

Title (fr)

DISPOSITIF DE RETENUE D'UN MANCHON AUTOUR D'UN MANDRIN

Publication

EP 2953877 B1 20170614 (FR)

Application

EP 14701184 A 20140123

Priority

- BE 201300076 A 20130205
- EP 2014051303 W 20140123

Abstract (en)

[origin: WO2014122025A1] The present invention relates to a mandrel comprising a radially movable portion (6, 8) and a retaining device for a sleeve (7) having an annular cross-section. Said device comprises a mounting (14), inserted in or built into the mandrel, and a retaining tab (1) pivotably mounted around an axis (3) that is in a direction parallel to the axis of the mandrel and onto said mounting (14). Said retaining tab (1) is designed to be, during use, pivotable from a first position, in which said retaining tab covers a portion of the annular surface of the sleeve (7), toward a second position, in which said retaining tab releases the annular surface of the sleeve (7). The pivotal movement from the first position toward the second position, or vice versa, is, during use, automatically actuated by radially moving the movable portion (6, 8) of the mandrel.

IPC 8 full level

B65H 75/24 (2006.01); **B21C 47/30** (2006.01)

CPC (source: EP US)

B21C 47/30 (2013.01 - EP US); **B65H 75/245** (2013.01 - EP US); **B65H 2301/41852** (2013.01 - EP US)

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 2014122025 A1 20140814; BE 1021422 B1 20151119; CN 104968591 A 20151007; EP 2953877 A1 20151216; EP 2953877 B1 20170614; ES 2634893 T3 20170929; US 10011457 B2 20180703; US 2015368066 A1 20151224

DOCDB simple family (application)

EP 2014051303 W 20140123; BE 201300076 A 20130205; CN 201480007577 A 20140123; EP 14701184 A 20140123; ES 14701184 T 20140123; US 201414766074 A 20140123