

Title (en)
WINDING SHAFT FOR RECEIVING AT LEAST ONE WINDING CORE

Title (de)
WICKELWELLE ZUR AUFNAHME VON WENIGSTENS EINER WICKELHÜLSE

Title (fr)
ARBRE D'ENROULEMENT DESTINÉ À RECEVOIR AU MOINS UN MANDRIN D'ENROULEMENT

Publication
EP 3307665 B1 20200108 (DE)

Application
EP 16728311 A 20160609

Priority
• DE 102015210567 A 20150609
• EP 2016063214 W 20160609

Abstract (en)
[origin: WO2016198549A1] The invention relates to a winding shaft (1) for receiving at least one winding core, said winding shaft having a shaft body (2) made of fiber-reinforced plastic, preferably CFRP, having two bearing points (4, 5) at each end of the winding shaft, having radially displaceable clamping elements (20) distributed over the circumference and over the axial length for clamping, holding and releasing the winding cores. The winding shaft is designed to hold winding cores having an inside diameter of a maximum of 80 mm.

IPC 8 full level
B65H 75/24 (2006.01); **B65H 18/02** (2006.01)

CPC (source: EP US)
B65H 18/028 (2013.01 - EP US); **B65H 75/2437** (2021.05 - EP US); **B65H 75/248** (2013.01 - EP US); **B65H 2511/20** (2013.01 - US); **B65H 2701/175** (2013.01 - 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 2016198549 A1 20161215; EP 3307665 A1 20180418; EP 3307665 B1 20200108; PL 3307665 T3 20200629; US 10513410 B2 20191224; US 2018179019 A1 20180628

DOCDB simple family (application)
EP 2016063214 W 20160609; EP 16728311 A 20160609; PL 16728311 T 20160609; US 201615580545 A 20160609