

Title (en)
ROPE DRUM AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
SEILTROMMEL SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
TAMBOUR À CÂBLE ET PROCÉDÉ POUR LE FABRIQUER

Publication
EP 3691811 A1 20200812 (DE)

Application
EP 18814815 A 20181128

Priority
• DE 102017128163 A 20171128
• EP 2018082875 W 20181128

Abstract (en)
[origin: WO2019106030A1] The present invention relates to rope drums (1) for winding and unwinding ropes, having a drum shell (3), to which end disks (4) are fastened at the end faces, and to rope winches having such rope drums. The invention also relates to a method for producing such a rope drum. According to the invention, the drum shell is seamlessly rolled from an annular workpiece blank by means of a rope groove profile (19) embossed in a non-cutting manner.

IPC 8 full level
B21H 1/06 (2006.01); **B66D 1/30** (2006.01); **B66D 1/36** (2006.01)

CPC (source: EP KR US)
B21H 1/06 (2013.01 - EP KR US); **B66D 1/30** (2013.01 - EP KR US); **B21H 3/04** (2013.01 - US)

Cited by
CN117600371A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017128163 A1 20190529; BR 112020010505 A2 20210112; CN 111788021 A 20201016; CN 111788021 B 20240116;
EP 3691811 A1 20200812; EP 3691811 B1 20230712; ES 2960618 T3 20240305; KR 20200092998 A 20200804; US 11365099 B2 20220621;
US 2020339393 A1 20201029; WO 2019106030 A1 20190606

DOCDB simple family (application)
DE 102017128163 A 20171128; BR 112020010505 A 20181128; CN 201880076976 A 20181128; EP 18814815 A 20181128;
EP 2018082875 W 20181128; ES 18814815 T 20181128; KR 20207018207 A 20181128; US 202016886296 A 20200528