

Title (en)
STRANDING UNIT FOR A STRANDING MACHINE AND BASKET FOR A STRANDING UNIT

Title (de)
VERSEILEINHEIT FÜR EINE VERSEILMASCHINE UND KORB FÜR EINE VERSEILEINHEIT

Title (fr)
UNITÉ DE CÂBLAGE POUR UNE MACHINE À CÂBLER ET PANIER POUR UNE UNITÉ DE CÂBLAGE

Publication
EP 3307938 B1 20210317 (DE)

Application
EP 16734562 A 20160608

Priority
• DE 102015210572 A 20150609
• EP 2016063056 W 20160608

Abstract (en)
[origin: WO2016198464A1] The invention relates to a stranding unit (2) for a stranding machine, comprising a stranding axis (VA) and a cage (8), in which a number of baskets (10) is arranged, for accommodating a number of reels (12) having strand material (14) wound thereon. The stranding unit (2) is characterized in that a stand (4) is arranged, which has a frame (6), which extends around the cage (8) in a circumferential direction (UR) about the stranding axis (VA), wherein the cage (8) is supported on the frame (6) by means of a number of frame bearing elements (26) and can be rotated about the stranding axis (VA). Because of the circumferential support, centrifugal forces are distributed, and absorbed by the frame (6), in a particularly efficient manner. In an advantageous development, a plurality of baskets (10) is also supported within the cage (8) in a similar manner. Furthermore, the stranding unit (2) is designed overall in such a way that the stranding unit can be operated at a particularly high rotational speed. The invention further relates to a basket (10) for a stranding unit (2).

IPC 8 full level
D07B 3/06 (2006.01); **D07B 7/06** (2006.01)

CPC (source: CN EP KR US)
D07B 3/06 (2013.01 - CN EP KR US); **D07B 7/04** (2013.01 - CN EP KR US); **D07B 7/06** (2013.01 - CN EP KR US);
D07B 2207/4004 (2013.01 - CN EP KR US); **D07B 2401/406** (2013.01 - CN EP KR 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)
DE 102015210572 A1 20161215; CN 107771230 A 20180306; CN 107771230 B 20210302; EP 3307938 A1 20180418;
EP 3307938 B1 20210317; JP 2018520271 A 20180726; JP 6590953 B2 20191016; KR 102028748 B1 20191004; KR 20180019650 A 20180226;
US 10676864 B2 20200609; US 2018320312 A1 20181108; WO 2016198464 A1 20161215

DOCDB simple family (application)
DE 102015210572 A 20150609; CN 201680033637 A 20160608; EP 16734562 A 20160608; EP 2016063056 W 20160608;
JP 2017563591 A 20160608; KR 20187000614 A 20160608; US 201715837416 A 20171211