

Title (en)  
APPARATUS FOR PRODUCING A BRAIDED COVERING

Title (de)  
VORRICHTUNG ZUR HERSTELLUNG EINER GEFLOCHTENEN UMMANTELUNG

Title (fr)  
DISPOSITIF DE PRODUCTION D'UN GAINAGE TRESSÉ

Publication  
**EP 3837390 A1 20210623 (DE)**

Application  
**EP 19753044 A 20190809**

Priority  
• AT 506962018 A 20180816  
• EP 2019071444 W 20190809

Abstract (en)  
[origin: WO2020035412A1] Apparatus for producing a braided covering (1) around a long object (2). The apparatus has a warp thread frame (5), which rotates in a direction of warp thread rotation (3) about a machine axis (4) and has a group of warp thread spools (6), and a group of spool carriers (7), which rotate about the machine axis (4) in the opposite direction and each have at least one weft thread spool (8). From each warp thread spool (6), at least one warp thread (9) is led to a braiding point (10) and from each weft thread spool (8) at least one weft thread (11) is led to the braiding point (10). By means of a displacing device (12), the path of the warp thread (9) is displaceable alternately above and below the weft thread (11) rotating past in the opposite direction. The apparatus has a spool carrier support (13), which during operation rotates along with the warp thread frame (5) in the direction of warp thread rotation (3). When the machine is at a standstill, the spool carriers (7) are mounted on the spool carrier support (13) and the spool carrier (7) is dimensioned such that, when a default rotational speed is exceeded, the supporting force (FA) on the spool carrier support (13) becomes zero.

IPC 8 full level  
**D04C 3/42** (2006.01); **D04C 3/16** (2006.01)

CPC (source: EP US)  
**D04C 3/16** (2013.01 - EP US); **D04C 3/42** (2013.01 - EP US)

Citation (search report)  
See references of WO 2020035412A1

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)  
**WO 2020035412 A1 20200220**; AT 521026 A4 20191015; AT 521026 B1 20191015; EP 3837390 A1 20210623; MA 53217 A 20211124; MX 2021001834 A 20210715; US 11479887 B2 20221025; US 2021292942 A1 20210923

DOCDB simple family (application)  
**EP 2019071444 W 20190809**; AT 506962018 A 20180816; EP 19753044 A 20190809; MA 53217 A 20190809; MX 2021001834 A 20190809; US 201917267700 A 20190809