

Title (en)

APPARATUS AND METHOD FOR BINDING A BUNDLE OF CABLES OR SEVERAL THREAD- LIKE ELEMENTS AND FORMING A BUNCH

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BINDEN EINES BÜNDELS VON KABELN ODER MEHREREN FADENFÖRMIGEN ELEMENTEN UND ZUM BILDEN EINES BÜNDELS

Title (fr)

APPAREIL ET PROCÉDÉ POUR ATTACHER UN FAISCEAU DE CÂBLES OU D'ÉLÉMENTS FILIFORMES VARIÉS ET FORMER UN LOT

Publication

EP 4183700 A1 20230524 (EN)

Application

EP 21759103 A 20210719

Priority

- ES 202031584 U 20200720
- ES 2021070536 W 20210719

Abstract (en)

The invention relates to an apparatus (1) and method for binding a bundle (2) of cables or several thread-like elements and forming a bunch, comprising a first head (3) prepared for holding the cables of the bundle at a first end (2a); a second head (33) prepared for holding the cables of the bundle at a second end (2b); and a binding unit (4) for binding the bundle arranged between the first and second heads (3, 33) for holding the bundle with the interposition of a tape (5) with an adhesive face (5a) applied against the bundle. The apparatus further comprises drive means (6) conferring to the first and second heads (3, 33) the capability to rotate in a synchronised manner about the longitudinal axis (L) of the bundle to cause the bundle to rotate around itself and to bring about the coiling or winding of the tape by its adhesive face around the bundle.

IPC 8 full level

B65B 13/18 (2006.01); **B65B 27/10** (2006.01); **H01B 13/012** (2006.01); **H01B 13/02** (2006.01)

CPC (source: EP)

B65B 13/18 (2013.01); **B65B 27/105** (2013.01); **H01B 13/01281** (2013.01)

Citation (search report)

See references of WO 2022018313A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022018313 A1 20220127; EP 4183700 A1 20230524; ES 1254814 U 20201026; ES 1254814 Y 20210115

DOCDB simple family (application)

ES 2021070536 W 20210719; EP 21759103 A 20210719; ES 202031584 U 20200720