

Title (en)

A CHAIN FORMED OF LINKED FLEXIBLE LOOPS, AND AN APPARATUS AND A METHOD OF MANUFACTURE OF SAID LOOPS

Title (de)

KETTE AUS VERKNÜPFTEN FLEXIBLEN SCHLAUFEN SOWIE VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG SOLCHER SCHLAUFEN

Title (fr)

CHAÎNE CONSTITUÉE DE BOUCLES FLEXIBLES RELIÉES, AINSI QU'APPAREIL ET PROCÉDÉ DE FABRICATION DESDITES BOUCLES

Publication

EP 3638844 A2 20200422 (EN)

Application

EP 18816740 A 20180608

Priority

- NO 20170954 A 20170613
- NO 2018050150 W 20180608

Abstract (en)

[origin: WO2018231063A2] A method of forming a flexible loop (6") comprising one or more continuous flexible strands (1), comprises coiling the strand (1) upon itself multiple revolutions (R) to form a plurality of coils (1b) which collectively form a bundle (23) of a predetermined thickness (t1); and for each revolution (R), passing the strand (1) around an imaginary centre line CL at least once so as to form a twisted bundle (23). In one embodiment, the method comprises forming a mantle (18) applying a stitching procedure. A strand (1) winding apparatus (8), comprises a ring member (11) rotatably arranged in a body (12), said body(12) having a tubular ring shape dimensioned such that the ring member (11) may rotate (R) inside said body; said body comprising a helical slit (9). A plurality of strand guides (10) having a strand-conveying member (10c) fixedly connected to the ring member (11) extend through the slit (9) and comprise at least one strand-conveying member (10c). A chain may be formed by interconnecting a plurality of the flexible loop.

IPC 8 full level

D07B 5/00 (2006.01); **B21L 5/02** (2006.01); **D07B 7/16** (2006.01)

CPC (source: EP NO)

B66C 1/125 (2013.01 - EP); **D07B 3/02** (2013.01 - NO); **D07B 5/00** (2013.01 - NO); **D07B 5/005** (2013.01 - EP); **D07B 7/165** (2013.01 - EP); **F16G 13/12** (2013.01 - EP NO); **F16G 15/12** (2013.01 - EP); **D07B 2201/1004** (2013.01 - EP)

Citation (search report)

See references of WO 2018231063A2

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 2018231063 A2 20181220; **WO 2018231063 A3 20191010**; EP 3638844 A2 20200422; NO 20170954 A1 20181214

DOCDB simple family (application)

NO 2018050150 W 20180608; EP 18816740 A 20180608; NO 20170954 A 20170613