

Title (en)

SYNTHETIC FIBER ROPE COMPRISING A SPLICED EYE AND CORRESPONDING METHOD

Title (de)

KUNSTFASERSEIL MIT GESPLEISSTEM AUGEN UND ENTSPRECHENDES VERFAHREN

Title (fr)

CÂBLE EN FIBRES SYNTHÉTIQUES COMPRENANT UNE BOUCLE ÉPISÉE ET PROCÉDÉ CORRESPONDANT

Publication

**EP 4326941 A1 20240228 (EN)**

Application

**EP 22722446 A 20220412**

Priority

- EP 21250002 A 20210420
- EP 2022059686 W 20220412

Abstract (en)

[origin: WO202223360A1] A method of making a splice termination for a synthetic fiber rope, said synthetic fiber rope comprising a fiber core and at least a layer of synthetic fiber strands twisted around said fiber core, said method comprising steps:(a) Providing a synthetic fiber rope having a laid construction and an unrestrained end,(b) Measuring tails having a length of L1 from the end of the rope, applying cloth or tape on the synthetic fiber rope for a length L2 from the end of tails to form a taped section,(c) Bending the synthetic fiber rope at the point having a length of about L1+L2/2 from the end of the rope to form an eye,(d) Untwisting the core and the strands of the tails, dividing and bundling up the yarns equally amongst the number strands of the outer layer of the synthetic fiber rope so that forming a plurality of bundled tails,(e) Tucking and pulling the plurality of bundled tail(s) respectively through between respective strand(s) of the outer layer of the synthetic fiber rope next to the taped section to form a tucked section,(f) Repeating step of tucking and pulling the plurality of bundled tail(s) respectively through between respective strand(s) of the outer layer of the synthetic fiber rope next to the previously tucked section to form a spliced termination.

IPC 8 full level

**D07B 1/18** (2006.01)

CPC (source: EP US)

**D07B 1/02** (2013.01 - US); **D07B 1/185** (2013.01 - EP US); **D07B 9/00** (2013.01 - US); **D07B 2201/102** (2013.01 - US); **D07B 2201/2003** (2013.01 - EP); **D07B 2201/2009** (2013.01 - US); **D07B 2201/2065** (2013.01 - US); **D07B 2201/2092** (2013.01 - US); **D07B 2205/20** (2013.01 - US); **D07B 2401/2055** (2013.01 - US); **D07B 2501/2015** (2013.01 - EP); **D07B 2501/2061** (2013.01 - EP)

C-Set (source: EP)

**D07B 2201/2003 + D07B 2801/10**

Citation (search report)

See references of WO 202223360A1

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 202223360 A1 20221027**; CN 117222792 A 20231212; EP 4326941 A1 20240228; US 2024183105 A1 20240606

DOCDB simple family (application)

**EP 2022059686 W 20220412**; CN 202280028911 A 20220412; EP 22722446 A 20220412; US 202218285454 A 20220412