

Title (en)
ROUND SLING AND METHOD AND APPARATUS FOR PRODUCING

Title (de)
RUNDSCHLINGE UND VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN

Title (fr)
ÉLINGUE RONDE ET PROCEDE ET DISPOSITIF DE FABRICATION

Publication
EP 3029197 B1 20190724 (DE)

Application
EP 15003410 A 20151201

Priority
DE 102014017813 A 20141203

Abstract (en)
[origin: CN105714586A] Disclosed is an apparatus for producing a round sling from textile fiber. The apparatus comprises a guide element and a wound strand feeding device. The guide element defines a ring-shaped closed circulation path to accommodate a ring-shaped loopy strand having a predetermined circumferential length along a longitudinal axis and to be used for circulation movemnet of the loopy strand along the longitudinal axis and the circulation path. In addition to movement along the circulation path, at least one local region of the guide element can further move in a direction tangent to the circulation path, so that the wound loopy strand can rotate aournd the longitudinal axis in a roll-off movement. The wound strand feeding device is arranged to feed a wound strand at a fixed feeding point to the loopy strand. Further disclosed is a method for producing the round sling from the textile fiber.

IPC 8 full level
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Citation (examination)
US 3717391 A 19730220 - SNELLMAN D, et al

Cited by
EP3997267A4; CN109750542A; CN111655926A; US12012693B2; WO2018231063A3; US11946200B2; WO2019197193A1

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