

Title (en)

TEXTILE MACHINE AND TEXTILE METHOD FOR MANUFACTURING A LOOP OF A ROCK CLIMBING QUICKDRAW

Title (de)

TEXTILMASCHINE UND TEXTILVERFAHREN ZUR HERSTELLUNG EINER SCHLINGE EINER EXPRESSSCHLINGE

Title (fr)

MACHINE TEXTILE ET PROCÉDÉ TEXTILE DE FABRICATION D'UNE SANGLE POUR UNE DÉGAINE D'ESCALADE

Publication

EP 3045584 B1 20190717 (EN)

Application

EP 16157681 A 20140331

Priority

- CN 201310722688 A 20131224
- EP 14162634 A 20140331

Abstract (en)

[origin: EP2889057A2] The present invention discloses a seamless webbing loop of a rock climbing quickdraw, a textile machine and a textile method. The seamless webbing loop of a rock climbing quickdraw contains a plurality of tubular webbing layers, one surrounded by another, among which there is at least one indication layer. The indication layer is adjacent to the outermost one among the plurality of tubular webbing layers or is the innermost one among the plurality of tubular webbing layers. Such a multilayered structure of the webbing loop enhances the strength of the webbing loop for the quickdraw, but does not cause a seam to the webbing loop. Further, the indication layer contained in the webbing loop functions to remind a user of timely replacement of the webbing loop when the webbing loop is worn, and thus the webbing loop is safe in use. With the movable spindle assembly arranged on the textile machine, it is convenient to remove the webbing loop from the textile machine. In addition, the webbing loop disclosed in the present invention has a simple structure without any seam, and is strong, safe and durable.

IPC 8 full level

D07B 7/16 (2006.01); **A63B 29/02** (2006.01); **D04C 3/00** (2006.01); **D07B 1/14** (2006.01); **D07B 1/18** (2006.01)

CPC (source: EP US)

A63B 29/02 (2013.01 - EP US); **D03D 1/0005** (2013.01 - EP US); **D03D 3/02** (2013.01 - EP US); **D03D 41/00** (2013.01 - EP US); **D04C 1/06** (2013.01 - EP US); **D04C 3/36** (2013.01 - EP US); **D07B 1/145** (2013.01 - EP US); **D07B 1/148** (2013.01 - EP US); **D07B 1/18** (2013.01 - EP US); **D07B 7/165** (2013.01 - EP US); **A62B 35/0043** (2013.01 - EP US); **A63B 29/028** (2013.01 - EP US); **A63B 2071/0694** (2013.01 - EP US); **A63B 2220/00** (2013.01 - EP US); **A63B 2225/30** (2013.01 - EP US); **D07B 2201/209** (2013.01 - EP US); **D07B 2501/2069** (2013.01 - EP US)

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

DOCDB simple family (publication)

EP 2889057 A2 20150701; **EP 2889057 A3 20150826**; CN 103706086 A 20140409; CN 103706086 B 20160210; EP 3045584 A1 20160720; EP 3045584 B1 20190717; TW 201525214 A 20150701; TW I565845 B 20170111; US 2015176161 A1 20150625

DOCDB simple family (application)

EP 14162634 A 20140331; CN 201310722688 A 20131224; EP 16157681 A 20140331; TW 103124563 A 20140717; US 201414252924 A 20140415