

Title (en)

BRAIDING MACHINE AND BRAIDING METHOD OF AN ENDLESS YARN ROPE

Title (de)

FLECHTMASCHINE UND FLECHTVERFAHREN EINES ENDLOSEN GARNSEILS

Title (fr)

MACHINE À TRESSER ET PROCÉDÉ DE TRESSAGE D'UNE CORDE DE FIL SANS FIN

Publication

**EP 3492642 A1 20190605 (EN)**

Application

**EP 18161891 A 20180315**

Priority

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Abstract (en)

The present invention provides a braiding machine (1) and a braiding method of an endless yarn rope. The braiding machine (1) of the endless yarn rope comprises a machine frame (2), a track plate (3), a plurality of yarn carriers (4) and a rope belt braiding mechanism. The plurality of yarn carriers (4) are circularly mounted on the track plate (3); white yarn ropes are placed on the plurality of yarn carriers (4); the track plate is divided into a first part (31) and a second part (32), which can simultaneously move toward or away from each other; the rope belt braiding mechanism comprises a rope pressing mechanism (7) and a rope guiding mechanism (8); the rope pressing (7) mechanism is provided with two belt pulley assemblies; the two belt pulley assemblies are located above the yarn carriers (4) and are mounted on the machine frame (2) in parallel; the rope guiding mechanism (8) is provided with a rope guiding wheel; the rope guiding wheel can move rotatably; the braided rope (9) is wound outside the rope guiding wheel; and a rubber tube (10) is arranged on the machine frame (2) and located at a center of the track plate (3). The braiding machine (1) of the endless yarn rope (9) has a simple structure, good stability and high yield.

IPC 8 full level

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Citation (search report)

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