Title (en)

A MECHANISM OF A GUIDING ARM FOR A WIRE ROPE IN A WINCH

Title (de)

MECHANISMUS FÜR EINEN FÜHRUNGSARM FÜR EIN DRAHTSEIL IN EINER WINDE

Title (fr)

MÉCANISME DE BRAS DE GUIDAGE POUR UN CÂBLE MÉTALLIQUE DANS UN TREUIL

Publication

EP 3090978 B1 20190109 (EN)

Application

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Priority

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Abstract (en)

[origin: EP3090978A1] The present invention concerns a mechanism for precise leading of a rope during its winding and/or unwinding onto a drum of a forest winch. The mechanism comprises a guiding arm (1) for a wire rope, chain or strap (15) in a winch is in that the rope or a chain (15) together with two sheaves (14a in 14b) forms a loop, which connects the guiding arm (1) on one side and a weight (13) on the other side, wherein the guiding arm and the weight are due to the loop connection always at the same distance, while their position with regard to the drum depends on the position of the rope on the drum (3). The guiding arm (1) is rotatably mounted into the winch housing or the drum housing perpendicularly to the drum axis and oscillates along the longitudinal axis of the drum, wherein the wire rope (2) is guided with directing discs (8) towards an outlet opening at a part of the winch, where the wire rope has its ending intended for attachment of a load intended for towing.

IPC 8 full level

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