Title (en)

CONTINUOUS CABLE WINCH

Title (de)

SEILDURCHLAUFWINDE

Title (fr)

TREUIL À CÂBLE PASSANT

Publication

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Application

EP 18700911 A 20180119

Priority

- DE 102017101656 A 20170127
- EP 2018051259 W 20180119

Abstract (en)

[origin: WO2018138000A1] The invention relates to a continuous cable winch (1), comprising a traction sheave (2) having a traction groove (22) around the perimeter for receiving a cable (3, 3'), and a belt drive assembly (60) which is opposite the traction groove (22) on a cable-driving part of the perimeter of the traction sheave (2) for frictionally pressing the cable (3, 3') against the traction groove (22), and which has a circulating continuous element (4) that is placed on belt drive support elements (6) with a first side and on the cable-driving part of the perimeter of the traction sheave (22) with a second side, wherein the traction sheave (2) and the belt drive assembly (60) are synchronised in such a way that the surfaces of the traction groove (22) and belt drive assembly (60), which are provided for making contact with the cable (3, 3'), can be moved in the same direction and at the same speed. According to the invention, the traction sheave (2) having the traction groove (22) and the front surface of the belt drive assembly (60) pointing towards the traction groove (22) and having a pressure groove (50) each comprise a contour that substantially complements the profile of the cable (3, 3').

IPC 8 full level

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CPC (source: EP)

B66D 1/7415 (2013.01)

Citation (examination)

- US 3329406 A 19670704 - FLAIR HENRY J
- EP 0343063 B1 19920916

Cited by

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