

Title (en)

FRICTION WINCH FOR THE HANDLING OF LOADS

Title (de)

REIBUNGSWINDE ZUR HANDHABUNG VON LASTEN

Title (fr)

TREUIL A ADHERENCE POUR LA MANUTENTION DE CHARGES

Publication

EP 2688831 A1 20140129 (FR)

Application

EP 12702579 A 20120103

Priority

- FR 1152422 A 20110323
- FR 2012050009 W 20120103

Abstract (en)

[origin: WO2012127137A1] Good-grip winch (1) comprising at least one supporting structure (2), a pulley (3) mounted on said supporting structure (2), said pulley (3) comprising an axle (4) and a wheel (5) equipped with an external peripheral groove (6) to accept a cable, means (7) of driving the rotation of said wheel (5) and means (15) for keeping the cable in the groove (6) of the wheel (5) by pressing on it. The axle (4), known as the dynamometric axle, about which the wheel (5) of the pulley (3) is mounted to rotate, is equipped with means (11) for measuring at least one parameter indicative of the forces or loads, at least the radial ones, applied to said axle (4), and the winch (1) comprises a monitoring unit (12) equipped with processing means (13) and with means (14) for emitting a warning signal and/or for commanding the means (7) that drive the rotation of the wheel (5) of the pulley (3) according to said at least one measured parameter.

IPC 8 full level

B66D 1/58 (2006.01); **B66D 1/74** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012127137A1

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