

Title (en)

WINCH COMPRISING A HYDRAULIC MOTOR, IN PARTICULAR FOR SONAR-EQUIPPED HELICOPTERS

Title (de)

WINDE MIT HYDRAULIKMOTOR, INSBESONDERE FÜR EINEN MIT EINEM SONAR VERSEHENEN HUBSCHRAUBER

Title (fr)

TREUIL A MOTEUR HYDRAULIQUE NOTAMMENT POUR HELICOPTERE MUNI D'UN SONAR

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Application

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Priority

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- FR 9315883 A 19931230

Abstract (en)

[origin: WO9518061A1] The invention concerns hydraulic motor powered winches. A supply servo-valve (405) of the motor is connected in three-way mode so that the supply line (409) used to discharge fluid during hoisting of the load is directly connected to the fluid return, and so that, during descent, the motor is no longer supplied at high pressure and fluid is caused to flow in a closed circuit without pressure. Complementary means (403) renew the fluid at a sufficiently low rate so as not to increase unduly the energy supply, and at a sufficiently high rate so as to limit fluid overheating. The invention provides winches with improved safety features which are used to immerse sonars from a helicopter.

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