

Title (en)
MOBILE SHAFT WINCH

Title (de)
MOBILE SCHACHTWINDE

Title (fr)
TREUIL DE PUIITS MOBILE

Publication
EP 3328781 A1 20180606 (DE)

Application
EP 16770458 A 20160913

Priority
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Abstract (en)
[origin: CA2999191A1] The invention relates to a mobile shaft winch, comprising a carrier vehicle having a vehicle drive, provided with an internal combustion engine, a rigid main frame, and a rotary platform that is arranged on the main frame by means of a rotary connection, and a drum winch which is arranged on the rotary platform and has a cable drum driven by a winch drive, designed for winding and unwinding a conveyor cable. The winch drive comprises a hydraulic motor and a hydraulic system arranged on the carrier vehicle, having a hydraulic pump driven by an electric motor, the suction side of which is in fluid-conducting connection with a tank for hydraulic fluid, and the pressure side of which is in fluid-conducting connection with the hydraulic motor. In order to provide a mobile shaft winch that requires less installation space, and has less weight and a simpler construction, according to the invention - the hydraulic motor is in fluid-conducting connection with the pressure side of a single hydraulic pump, - the internal combustion engine of the vehicle drive drives an electric generator via an auxiliary output drive, and - the electric motor is configured to be selectively operated on a power supply system or the electric generator.

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