

Title (en)

Method for operating a winding drum and winding drum

Title (de)

Verfahren zum Betreiben einer Wickeltrommel und Wickeltrommel

Title (fr)

Procédé de fonctionnement d'un tambour d'enroulement et tambour d'enroulement

Publication

EP 2377805 B1 20150729 (DE)

Application

EP 11162361 A 20110414

Priority

DE 102010015624 A 20100419

Abstract (en)

[origin: EP2377805A1] The method involves controlling a hydraulic motor (M) through a control block equipped with one or more hydraulic valves, where the hydraulic motor drives a winding drum (1). The hydraulic valves are equipped with two pressure control valves, where each pressure control valve is arranged in a flow line and a return line of the hydraulic motor. A pressure difference is adjusted at the hydraulic motor by the pressure control valves. An independent claim is also included for a winding drum, particularly for use in telescopic booms of cranes, for winding up and winding down of wires.

IPC 8 full level

B66D 1/08 (2006.01); **B66D 1/44** (2006.01)

CPC (source: EP US)

B66D 1/08 (2013.01 - EP US); **B66D 1/44** (2013.01 - EP US)

Citation (examination)

DE 102004051094 A1 20060427 - HARTMANN & KOENIG STROMZUFUEHR [DE]

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