

Title (en)
HYDRAULIC WINCH CONTROL

Title (de)
HYDRAULISCHE WINDENSTEUERUNG

Title (fr)
COMMANDE DE TREUIL HYDRAULIQUE

Publication
EP 1272420 B1 20040331 (DE)

Application
EP 01913517 A 20010118

Priority
• DE 0100207 W 20010118
• DE 10014811 A 20000327

Abstract (en)
[origin: WO0172625A1] The invention relates to a hydraulic winch control, comprising a variable displacement motor (12) supplied with a pressure agent via a directional control valve (35) for driving the winch (10). Said directional control valve (70) is controlled via a control valve that is functionally linked with an adjusting lever (81). In a mooring operation, the directional control valve is subjected to a predetermined actuating pressure difference so that the flow of pressure agent to the variable displacement motor is reduced.

IPC 1-7
B66D 1/44; B66D 1/50; F15B 11/042; F15B 13/04

IPC 8 full level
B66D 1/44 (2006.01); **B66D 1/50** (2006.01); **F15B 11/042** (2006.01); **F15B 13/04** (2006.01); **F15B 13/042** (2006.01)

CPC (source: EP)
B66D 1/44 (2013.01); **B66D 1/50** (2013.01); **F15B 11/042** (2013.01); **F15B 13/0402** (2013.01); **F15B 13/0422** (2013.01); **F15B 2211/20546** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/3056** (2013.01); **F15B 2211/3138** (2013.01); **F15B 2211/3144** (2013.01); **F15B 2211/324** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/351** (2013.01); **F15B 2211/353** (2013.01); **F15B 2211/50536** (2013.01); **F15B 2211/50554** (2013.01); **F15B 2211/5151** (2013.01); **F15B 2211/528** (2013.01); **F15B 2211/55** (2013.01); **F15B 2211/6355** (2013.01); **F15B 2211/6652** (2013.01); **F15B 2211/7058** (2013.01); **F15B 2211/715** (2013.01); **F15B 2211/75** (2013.01)

Cited by
EP3067309A1; US6676921B2

Designated contracting state (EPC)
DE GB NL SE

DOCDB simple family (publication)
WO 0172625 A1 20011004; DE 10014811 A1 20011011; DE 50101851 D1 20040506; EP 1272420 A1 20030108; EP 1272420 B1 20040331; NO 20024556 D0 20020923; NO 20024556 L 20020923

DOCDB simple family (application)
DE 0100207 W 20010118; DE 10014811 A 20000327; DE 50101851 T 20010118; EP 01913517 A 20010118; NO 20024556 A 20020923