

Title (en)

Cable drum with hydraulic drive arrangement

Title (de)

Leitungstrommel mit hydraulischer Antriebsanordnung

Title (fr)

Tambour de cable avec dispositif d'entraînement hydraulique

Publication

EP 1666402 B1 20100630 (DE)

Application

EP 05022313 A 20051013

Priority

DE 102004051094 A 20041019

Abstract (en)

[origin: EP1666402A1] The hydraulic drive arrangement has servo unit which has electrically controlled proportion valve (32). The rotation angle position of cable reel (2) is recorded by rotary input type encoder (60). The electronic control and regulation device steers proportion valve. The drive motor (4) strikes with minimum torque in case of unwound cable reel and strikes with high torque in case of wound cable reel.

IPC 8 full level

B66D 1/50 (2006.01); **B65H 75/34** (2006.01); **B66C 13/12** (2006.01)

CPC (source: EP)

B65H 75/4484 (2013.01); **B65H 75/4489** (2013.01); **B66C 13/12** (2013.01); **B66D 1/50** (2013.01)

Cited by

CN115535675A; CN113879903A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1666402 A1 20060607; **EP 1666402 B1 20100630**; AT E472506 T1 20100715; DE 102004051094 A1 20060427; DE 502005009818 D1 20100812

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