

Title (en)
Lift winch.

Title (de)
Aufzugwinde.

Title (fr)
Treuil de monte-charge.

Publication
EP 0285751 A1 19881012 (FR)

Application
EP 88100910 A 19880122

Priority
CH 46787 A 19870209

Abstract (en)
1. Hoisting winch mounted movably on a support (12, 13) and having an elastic stop (27, 28) located between the support and the winch (1) and a breaker (26) actuated by the lifting of the winch on its support, after the pulling force has overcome the resistance of the elastic stop, when the load comes up against a limit stop or exceeds a particular value, characterized in that the support consists of rails joined by means of bars (12, 13), in that the winch (1) is equipped with means (9, 10, 14, 15) for fastening it to these bars, in that the said breaker (26) is mounted on the winch in such a way that it assumes position under a stop integral with the support (38), and in that the winch carries two elastic stops (27, 28) which are also calibrated and which likewise assume position under a stop integral with the support (38), in such a way that, when the winch is lifted, the pulling force actuates the breaker after overcoming the resistance of the calibrated elastic stops.

Abstract (fr)
Le treuil est muni de moyens d'accrochage (14, 15) aux barreaux (37, 38) reliant deux rails (12, 13) du monte-charge. Un interrupteur (26), ainsi que deux butées élastiques tarées (27) viennent se placer sous le barreau supérieur (38) de telle sorte que lorsque la traction sur le câble du treuil dépasse une certaine limite, par exemple lorsque la charge arrive en fin de course, le treuil est légèrement soulevé et son interrupteur (26) est actionné par le barreau (38) contre lequel il vient en butée.

IPC 1-7
B66B 5/10; **B66B 9/20**; **B66D 1/56**

IPC 8 full level
B66B 5/10 (2006.01); **B66B 9/16** (2006.01); **B66D 1/56** (2006.01)

CPC (source: EP)
B66B 5/10 (2013.01); **B66B 9/16** (2013.01); **B66D 1/56** (2013.01)

Citation (search report)
• [A] FR 1411700 A 19650924 - COMP GENERALE ELECTRICITE
• [A] EP 0005099 A1 19791031 - ROODT GUY SERGE ROGER
• [A] FR 2398689 A1 19790223 - ROODT GUY [FR]
• [A] GB 2116943 A 19831005 - DEVITEC LTD

Cited by
DE102012004144B4

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL

DOCDB simple family (publication)
EP 0285751 A1 19881012; **EP 0285751 B1 19900328**; AT E51387 T1 19900415; DE 3860060 D1 19900503

DOCDB simple family (application)
EP 88100910 A 19880122; AT 88100910 T 19880122; DE 3860060 T 19880122