

Title (en)

Safety device for lifting trucks

Title (de)

Sicherheitsvorrichtung für Hubwagen

Title (fr)

Dispositif de sécurité pour chariots élévateur

Publication

EP 0798261 B1 20030226 (EN)

Application

EP 97850048 A 19970326

Priority

SE 9601185 A 19960328

Abstract (en)

[origin: EP0798261A2] In order to increase security at lifting work with in particular high lifting trucks the inventions suggest the use of a weight indication for the driver so that he know how heavy loads he is handling. This weight indication is obtained by measuring the current to the motor of the hydraulic pump. In order to eliminate the risk that momentary variations result in a faulty measurement preferably a mean value of the current is taken for a certain time or this is added during a fixed time interval. Obtained values are then multiplied with a conversion factor so that the weight in for instance kilograms is obtained and delivered to a suitable presentation device. Obtained values may also be used for alarm with suitable sound or light signals if the load should exceed the maximum allowed values.

IPC 1-7

B66F 17/00; G01G 19/18

IPC 8 full level

B66F 17/00 (2006.01)

CPC (source: EP)

B66F 17/003 (2013.01)

Cited by

EP2172359A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0798261 A2 19971001; **EP 0798261 A3 19981223**; **EP 0798261 B1 20030226**; DE 69719232 D1 20030403; DE 69719232 T2 20031211; SE 505605 C2 19970922; SE 9601185 D0 19960328; SE 9601185 L 19970922

DOCDB simple family (application)

EP 97850048 A 19970326; DE 69719232 T 19970326; SE 9601185 A 19960328