

Title (en)

Device for determining the lifting height of a load lifting means of an industrial truck

Title (de)

Vorrichtung zur Bestimmung der Hubhöhe eines Lasttragemittels an einem Flurförderzeug

Title (fr)

Dispositif destinés à la détermination de la position de la hauteur du levage d'un dispositif de prise de charge d'un chariot de manutention

Publication

EP 1728759 A3 20080123 (DE)

Application

EP 06010638 A 20060524

Priority

DE 102005025507 A 20050603

Abstract (en)

[origin: EP1728759A2] The device includes a meter measuring the through flow volume and mounted in the line (14) between a hydraulic pump (16) and the free lift cylinder (10). An evaluator unit is connected to the meter and calculates from the measuring signal of same the relevant lifting height. A detection device detects the end of the free lift movement and the start of the movement of the load lift cylinder and sends a signal to the evaluator unit for applying a modified factor to the calculation of the lift height. A reference point (22) on the lifting frame is detected by means of a switch, approach sensor or similar to produce a reference signal for the evaluator unit (18).

IPC 8 full level

B66F 9/24 (2006.01)

CPC (source: EP)

B66F 9/24 (2013.01); **F15B 15/2838** (2013.01)

Citation (search report)

- [X] DE 4220333 A1 19931223 - MARCO SYSTEMANALYSE ENTW [DE]
- [DA] DE 19508346 C1 19960620 - JUNGHEINRICH AG [DE]
- [DA] DE 4306680 A1 19940908 - JUNGHEINRICH AG [DE]

Cited by

EP2522620A1; FR2975089A1; US9932213B2; US8875410B2; EP2128077B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1728759 A2 20061206; EP 1728759 A3 20080123; EP 1728759 B1 20090902; DE 102005025507 A1 20061207;
DE 502006004707 D1 20091015

DOCDB simple family (application)

EP 06010638 A 20060524; DE 102005025507 A 20050603; DE 502006004707 T 20060524