

Title (en)  
Industrial vehicle with lift height measurement

Title (de)  
Flurförderzeug mit Hubhöhenmessung

Title (fr)  
Chariot de manutention avec mesure de la hauteur de levage

Publication  
**EP 2653431 B1 20150610 (DE)**

Application  
**EP 13162423 A 20130405**

Priority  
DE 102012103487 A 20120420

Abstract (en)  
[origin: EP2653431A1] The industrial truck has a lift frame (11) and a load receiving unit (13) arranged at the lift frame in a vertically movable manner, where the lift frame has a lifting height measurement system which has a light emitter (21), a receiving element and a measuring section (29) with an optical alignment element (22) and a target element (18). The alignment element is movably mounted and the light beam (23) continuously sweeps over an angle portion (30) of the positions of the target element for all admissible bending of the lift frame.

IPC 8 full level  
**B66F 9/075** (2006.01)

CPC (source: EP)  
**B66F 9/0755** (2013.01)

Cited by  
CN112781538A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2653431 A1 20131023; EP 2653431 B1 20150610**; DE 102012103487 A1 20131024

DOCDB simple family (application)  
**EP 13162423 A 20130405**; DE 102012103487 A 20120420