

Title (en)  
Load measuring device

Title (de)  
Lasterfassungseinrichtung

Title (fr)  
Dispositif de détermination de charge

Publication  
**EP 1382562 B2 20100804 (DE)**

Application  
**EP 03016173 A 20030716**

Priority  
DE 20210958 U 20020719

Abstract (en)  
[origin: EP1382562A1] The load grabbing device has a crane mechanism (100) for the moving of the working platform (108) and which is fastened on a base, and a load cell (110) is installed between the crane mechanism and working platform, whereby the crane mechanism and working platform are interconnected by the load cell, with the load cell being the single connection between the crane mechanism and working platform. The load cell is installed between a side face or a lower face of the working platform and a jib (102) of the crane mechanism. An Independent claim is included for a vehicle with a load-grabbing device, whereby the crane mechanism is fastened on the chassis of the vehicle.

IPC 8 full level  
**B66F 17/00** (2006.01); **B66F 11/04** (2006.01); **G01G 19/18** (2006.01)

CPC (source: EP)  
**B66F 11/046** (2013.01); **B66F 17/006** (2013.01)

Citation (opposition)  
Opponent :  
DE 3608628 A1 19870917 - PIETZSCH LUDWIG GMBH & CO [DE]

Cited by  
FR3087761A1; WO2020084561A1; EP3199486A1; CN101780934A; DE102005022607A1; CN112969658A; US2017217746A1; CN107010576A; US10495529B2; WO2014102240A1; US10807851B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1382562 A1 20040121**; **EP 1382562 B1 20050511**; **EP 1382562 B2 20100804**; AT E295332 T1 20050515; DE 20210958 U1 20030109; DE 50300529 D1 20050616

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