

Title (en)  
Load measuring device

Title (de)  
Lasterfassungseinrichtung

Title (fr)  
Dispositif de détermination de charge

Publication  
**EP 1382562 B1 20050511 (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 1-7  
**B66F 17/00**; **B66F 11/04**; **G01G 19/18**

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

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

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

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