

Title (en)  
Load measuring device

Title (de)  
Lasterfassungseinrichtung

Title (fr)  
Dispositif de détermination de charge

Publication  
**EP 1382562 A1 20040121 (DE)**

Application  
**EP 03016173 A 20030716**

Priority  
DE 20210958 U 20020719

Abstract (en)  
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.

Abstract (de)  
Eine Lasterfassungsvorrichtung für eine Arbeitsbühne (108), umfasst einen Kranmechanismus (100) zum Bewegen der Arbeitsbühne (108), wobei der Kranmechanismus (100) an einer Basis befestigbar ist, und eine Wägezelle (110), die zwischen dem Kranmechanismus (100) und der Arbeitsbühne (108) angeordnet ist, wobei der Kranmechanismus (100) und die Arbeitsbühne (108) über die Wägezelle (110) miteinander verbunden sind. <IMAGE>

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)

Citation (search report)  
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• [X] EP 0681165 A1 19951108 - ALLEMANE CLAUDE [FR]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12 31 October 1998 (1998-10-31)  
• [X] DATABASE WPI Section PQ Week 199624, Derwent World Patents Index; Class Q38, AN 1996-235715, XP002259728

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**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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