

Title (en)  
Crane vehicle

Title (de)  
Fahrzeugkran

Title (fr)  
Grue de véhicule

Publication  
**EP 1894883 A3 20080528 (DE)**

Application  
**EP 07116452 A 20041203**

Priority  
EP 04028739 A 20041203

Abstract (en)  
[origin: EP1666401A1] The vehicle-mounted crane has a body constructed as a top revolving structure with a vertical tower (11) and a jib (13) on the tower and inclined in relation to it. The jib is length-variable, preferably telescopic, and/or adjustable in angle relative to the tower. The natural weight of the tower is provided as a counterweight. A support is provided for the tower and comprises preferably a number of ground supports distributed around the tower. The natural weight of the tower and support are matched in such a way that no additional counterweight is necessary.

IPC 8 full level  
**B66C 23/34** (2006.01); **B66C 23/74** (2006.01); **B66C 23/78** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP KR US)  
**B66C 23/185** (2013.01 - EP US); **B66C 23/34** (2013.01 - KR); **B66C 23/342** (2013.01 - EP US); **B66C 23/344** (2013.01 - EP US);  
**B66C 23/348** (2013.01 - EP US); **B66C 23/36** (2013.01 - EP US); **B66C 23/74** (2013.01 - EP KR US); **B66C 23/78** (2013.01 - EP KR US);  
**B66C 23/82** (2013.01 - EP KR US)

Citation (search report)  
• [X] JP 2004224520 A 20040812 - ISHIKAWAJIMA CONSTR MACH  
• [X] DE 2748340 A1 19780511 - ISHIKAWAJIMA HARIMA HEAVY IND  
• [X] DE 1267394 B 19680502 - ALBERT WILLIAM HOBBS  
• [X] FR 1434262 A 19660408 - RICHIER SA  
• [X] GB 1374255 A 19741120 - GEN CRANE INDUSTRIES

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1666401 A1 20060607; EP 1666401 B1 20110622**; CA 2589048 A1 20060608; CA 2589048 C 20100803; CN 101068744 A 20071107;  
CN 101068744 B 20131106; CN 103482489 A 20140101; CN 103482489 B 20160629; DE 502004011669 D1 20101028;  
DE 502004011788 D1 20101125; EP 1894883 A2 20080305; EP 1894883 A3 20080528; EP 1894883 B1 20100915; EP 1900675 A2 20080319;  
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US 2010102018 A1 20100429; US 7828162 B2 20101109; US 8308000 B2 20121113; WO 2006058751 A2 20060608;  
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KR 20097015617 A 20051201; KR 20097015618 A 20051201; US 65101509 A 20091231; US 79206205 A 20051201