

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)
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• [X] DE 2748340 A1 19780511 - ISHIKAWAJIMA HARIMA HEAVY IND
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• [X] FR 1434262 A 19660408 - RICHIER SA
• [X] GB 1374255 A 19741120 - GEN CRANE INDUSTRIES

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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;
EP 1900675 A3 20080326; EP 1900675 B1 20101013; ES 2352807 T3 20110223; ES 2354178 T3 20110310; ES 2367908 T3 20111110;
JP 2008532876 A 20080821; JP 2011184204 A 20110922; JP 2011190113 A 20110929; JP 5572124 B2 20140813; JP 5572125 B2 20140813;
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