

Title (en)
Crane vehicle

Title (de)
Fahrzeugkran

Title (fr)
Grue de véhicule

Publication
EP 1894883 B1 20100915 (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)

Designated contracting state (EPC)
DE ES FR GB IT

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;
KR 101046488 B1 20110704; KR 101046490 B1 20110704; KR 101046519 B1 20110704; KR 20070086923 A 20070827;
KR 20090108048 A 20091014; KR 20090110317 A 20091021; KR 20090110318 A 20091021; US 2008169258 A1 20080717;
US 2010102018 A1 20100429; US 7828162 B2 20101109; US 8308000 B2 20121113; WO 2006058751 A2 20060608;
WO 2006058751 A3 20060810

DOCDB simple family (application)
EP 04028739 A 20041203; CA 2589048 A 20051201; CN 200580041411 A 20051201; CN 201310447271 A 20051201;
DE 502004011669 T 20041203; DE 502004011788 T 20041203; EP 07116452 A 20041203; EP 07116453 A 20041203;
EP 2005012852 W 20051201; ES 04028739 T 20041203; ES 07116452 T 20041203; ES 07116453 T 20041203; JP 2007543778 A 20051201;
JP 2011119956 A 20110530; JP 2011119957 A 20110530; KR 20077015310 A 20070703; KR 20097015616 A 20051201;
KR 20097015617 A 20051201; KR 20097015618 A 20051201; US 65101509 A 20091231; US 79206205 A 20051201