

Title (en)  
Crane truck

Title (de)  
Fahrzeugkran

Title (fr)  
Grue automotrice

Publication  
**EP 1900675 A2 20080319 (DE)**

Application  
**EP 07116453 A 20041203**

Priority  
EP 04028739 A 20041203

Abstract (en)  
The crane has a structure formed as top rotator, which includes a vertical tower (11) and an arm (13) provided on the tower, where the tower is formed in a self erected manner. A tower retainer (21) is provided for a lower end of the tower, where the lower end is separated from the tower retainer. The tower is transferable from a horizontal transportation position into an inclination position and from the inclination position to the vertical working position. The tower is positively driven in an area of its lower end and the tower retainer is connected with a tower support.

Abstract (de)  
Die Erfindung betrifft einen Fahrzeugkran, insbesondere Mobil-, Auto- oder Raupenkran, mit einem als Obendreher ausgebildeten Aufbau, der einen vertikalen Turm (11) und auf dem Turm (11) einen Ausleger (13) umfasst.

IPC 8 full level  
**B66C 23/34** (2006.01); **B66C 23/36** (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 (applicant)  
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• JP 2004224520 A 20040812 - ISHIKAWAJIMA CONSTR MACH

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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