

Title (en)
Crane vehicle

Title (de)
Fahrzeugkran

Title (fr)
Grue de véhicule

Publication
EP 1894883 A2 20080305 (DE)

Application
EP 07116452 A 20041203

Priority
EP 04028739 A 20041203

Abstract (en)

The vehicle crane has a superstructure, which is embodied as a top slewing crane and encompasses a vertical tower (11) and a boom located on the tower. A cup-shaped or bowl-shaped tower support (21) is provided for the lower end of the tower. Two spaced apart chassis parts (23a, 23b) are interconnected, and the tower is placed in the transport position. The lower end of the tower is separated from the 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

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CPC (source: EP KR US)

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Citation (applicant)

- FR 1434262 A 19660408 - RICHIER SA
- DE 2748340 A1 19780511 - ISHIKAWAJIMA HARIMA HEAVY IND
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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 2007086923 A 20070827;
KR 20090108048 A 20091014; KR 20090110317 A 20091021; KR 20090110318 A 20091021; US 2008169258 A1 20080717;
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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