

Title (en)
mobile crane

Title (de)
Fahrzeugkran

Title (fr)
grue mobile

Publication
EP 1541520 B2 20150325 (DE)

Application
EP 04022087 A 20040916

Priority
• DE 20319181 U 20031210
• DE 20319660 U 20031218

Abstract (en)
[origin: EP1541520A1] The crane (10) has a vehicle (12) with a chassis having extendable supports (14, 16, 18, 20) movable between transport and working positions. The supports utilize a maximum permissible height of a drive train in the transport position. A crane structure is arranged on a revolving platform that is removably coupled to the vehicle, so that the platform is separable from the vehicle for road transport of the vehicle. The supports are movable between the transport and working positions by a hydraulic piston-cylinder assembly.

IPC 8 full level
B66C 23/36 (2006.01); **B66C 23/62** (2006.01); **B66C 23/80** (2006.01)

CPC (source: EP)
B66C 23/62 (2013.01); **B66C 23/80** (2013.01)

Citation (opposition)
Opponent :
• DE 2844819 A1 19800424 - GOTTWALD KG LEO
• DE 2017058 A1 19711021 - LIEBHERR H
• WO 9805581 A2 19980212 - COMPACT TRUCK AG [CH], et al
• DE 19617505 A1 19971106 - PUTZMEISTER AG [DE]
• DE 19549244 A1 19970626 - MANNESMANN AG [DE]

Cited by
DE102015205008A1; WO2016146569A1; DE102019134637A1; US10723596B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1541520 A1 20050615; EP 1541520 B1 20091104; EP 1541520 B2 20150325

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