

Title (en)
Mobile crane

Title (de)
Fahrzeugkran

Title (fr)
Grue mobile

Publication
EP 0543276 B1 19970129 (DE)

Application
EP 92119316 A 19921112

Priority
DE 9114464 U 19911121

Abstract (en)
[origin: EP0543276A1] A mobile crane is described which has a box-like support (1) which serves as a crane support and vehicle frame, on which are suspended drivable wheels (5, 6) which can be steered by means of McPherson strut units (19) and for the relief of which supporting legs (4) are available. The mobile crane has furthermore a drivers cab (15) which can be rotated concomitantly with its telescopic crane mast (11) and is additionally adjustable relative to the axis of rotation (8a) of the telescopic crane mast. Post-like holding elements (21) are provided between each McPherson strut unit (19) and the support (1) on the latter and projecting above it, the McPherson strut unit (19) being fastened to the upper end section (21a) of the said holding elements (21). The holding elements (21) of each pair of wheels (5, 6) are furthermore rigidly connected to one another above the support (1) by means of reinforcing elements (22). <IMAGE>

IPC 1-7
B66C 23/62; **B66C 23/42**

IPC 8 full level
B60S 9/04 (2006.01); **B66C 13/54** (2006.01); **B66C 23/36** (2006.01); **B66C 23/42** (2006.01); **B66C 23/62** (2006.01); **B66C 23/78** (2006.01)

CPC (source: EP)
B66C 23/42 (2013.01); **B66C 23/62** (2013.01)

Cited by
CN107250028A; US6138845A; US6341705B1; FR2769872A1; DE202008005033U1; EP0611725A1; WO9727138A1; WO9805581A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 9114464 U1 19930325; DE 59207988 D1 19970313; EP 0543276 A1 19930526; EP 0543276 B1 19970129; JP 3182724 B2 20010703; JP H0664893 A 19940308

DOCDB simple family (application)
DE 9114464 U 19911121; DE 59207988 T 19921112; EP 92119316 A 19921112; JP 31006492 A 19921119