

Title (en)

Lattice-boom crane for lifting heavy loads

Title (de)

Gittermastkran zum Heben von schweren Lasten

Title (fr)

Grue à flèche en treillis pour lever des charges lourdes

Publication

**EP 1721862 A3 20071107 (DE)**

Application

**EP 06005637 A 20060320**

Priority

DE 102005021859 A 20050511

Abstract (en)

[origin: EP1721862A2] The mobile crane has two individual mobile cranes (1,11) with a superstructure (3,13) mounted on chassis (2,12). Mobile extension arm (4,14) is arranged on superstructure, derrick, and its derrick angle is adjustable over derrick work (5,15). Extension arms are aligned parallel to each other and connected with each other. Derrick works are synchronized such that extension arms are synchronously derricked.

IPC 8 full level

**B66C 23/36** (2006.01); **B66C 23/64** (2006.01)

CPC (source: EP US)

**B66C 23/36** (2013.01 - EP US); **B66C 23/64** (2013.01 - EP US)

Citation (search report)

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- [A] JP 2001072379 A 20010321 - KAJIMA CORP
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Cited by

CN106429870A; CN105439011A; EP2000432B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1721862 A2 20061115; EP 1721862 A3 20071107; EP 1721862 B1 20100505**; AT E466809 T1 20100515; CN 1899949 A 20070124; CN 1899949 B 20100512; DE 102005021859 A1 20061130; DE 102005021859 B4 20070329; DE 502006006883 D1 20100617; JP 2006315864 A 20061124; JP 5096692 B2 20121212; US 2006273057 A1 20061207; US 7828163 B2 20101109

DOCDB simple family (application)

**EP 06005637 A 20060320**; AT 06005637 T 20060320; CN 200610079919 A 20060427; DE 102005021859 A 20050511; DE 502006006883 T 20060320; JP 2006131689 A 20060510; US 43176006 A 20060510