

Title (en)
Crane, in particular mobile crane or crawler crane

Title (de)
Kran, vorzugsweise Raupen- oder Fahrzeugkran

Title (fr)
Grue, en particulier grue mobile ou à chenilles

Publication
EP 1746064 A3 20080827 (DE)

Application
EP 06014466 A 20060712

Priority
• DE 102005034333 A 20050722
• DE 102005036058 A 20050801
• DE 102005059768 A 20051214

Abstract (en)
[origin: EP1746064A2] An applications planner (18) with a calculating unit (12) has its own monitor (20) output that works as a device for planning a crane's applications and uses and in addition as a redundant monitoring device (10) for the crane's operational status.

IPC 8 full level
B66C 15/06 (2006.01); **B66C 23/88** (2006.01)

CPC (source: EP US)
B66C 15/06 (2013.01 - EP US); **B66C 23/88** (2013.01 - EP US)

Citation (search report)
• [A] US 2005098520 A1 20050512 - FRANKENBERGER RALF [DE], et al
• [A] EP 0768588 A2 19970416 - PIETZSCH AUTOMATISIERUNGSTECH [DE]
• [A] DE 10233873 A1 20040219 - SIEMENS AG [DE]
• [A] DE 10233870 A1 20040219 - SIEMENS AG [DE]

Cited by
CN103787200A; CN107628539A; CN105347195A; CN102452618A; EP2113481A1; CN105523481A; EP2301884A1; FR2950618A1; US8160786B2; US9079756B2

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 RS

DOCDB simple family (publication)
EP 1746064 A2 20070124; EP 1746064 A3 20080827; EP 1746064 B1 20091118; DE 102005059768 A1 20070125;
DE 502006005380 D1 20091231; JP 2007031150 A 20070208; JP 5464782 B2 20140409; US 2007034587 A1 20070215;
US 8505754 B2 20130813

DOCDB simple family (application)
EP 06014466 A 20060712; DE 102005059768 A 20051214; DE 502006005380 T 20060712; JP 2006197076 A 20060719;
US 49071806 A 20060720