

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 B1 20091118 (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)

Cited by

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

Designated contracting state (EPC)

DE FR IT

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