

Title (en)
RADIO-CONTROLLED SELF-PROPELLED CRANE

Title (de)
SELBSTFAHRENDER FUNKGESTEUERTER KRAN

Title (fr)
GRUE AUTOMOTRICE RADIOTELECOMMANDEE

Publication
EP 1463681 B1 20050706 (FR)

Application
EP 02799815 A 20021216

Priority
• FR 0204363 W 20021216
• FR 0200188 A 20020109

Abstract (en)
[origin: WO03057614A2] The invention relates to a crane for lifting and moving loads using a hook (2) which is suspended from a rope (3) that is wound and unwound from the end (4a) of a support pole (4) which is connected to a stabilisation chassis (5) on the ground. The invention is characterised in that: the aforementioned chassis (5) is supported by wheels (6, 6A), at least one of said wheels being connected to a forward and reverse drive motor (7) and at least one to a right and left steering device; the support pole (4) is connected to control means (9, 10) which are used, at least, to pivot said pole in an angular manner both horizontally and vertically in relation to the chassis (5) to which it is mounted; and separate control means (11, 20) are provided which are used to move the pole (4) and the chassis (5) but which are not connected to said assembly. In this way, the different movements of the inventive crane (1), which is supported by an automotive chassis, are remotely controlled in a simultaneous or separate manner.

IPC 1-7
B66C 13/56; **B66C 23/42**

IPC 8 full level
B66C 13/40 (2006.01); **B66C 23/36** (2006.01)

CPC (source: EP)
B66C 13/40 (2013.01); **B66C 23/36** (2013.01)

Cited by
CN105197810A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03057614 A2 20030717; **WO 03057614 A3 20040122**; AT E299124 T1 20050715; AU 2002364452 A1 20030724; AU 2002364452 A8 20030724; DE 60204987 D1 20050811; EP 1463681 A2 20041006; EP 1463681 B1 20050706; FR 2834506 A1 20030711; FR 2834506 B1 20040227

DOCDB simple family (application)
FR 0204363 W 20021216; AT 02799815 T 20021216; AU 2002364452 A 20021216; DE 60204987 T 20021216; EP 02799815 A 20021216; FR 0200188 A 20020109