

Title (en)

Device for the positioning of self-erecting cranes

Title (de)

Vorrichtung zum Verstellen von sich automatisch aufrichtenden Kränen

Title (fr)

Dispositif pour positionner des grues à montage automatisé

Publication

EP 1726558 A3 20070822 (DE)

Application

EP 06009592 A 20060510

Priority

IT BZ20050024 A 20050526

Abstract (en)

[origin: EP1726558A2] Device for adjusting hinged automatically aligning cranes comprises a front pair of wheels (5) arranged on the front structure of the crane foot (2) and a rear pair of wheels (6) having an axle (8) which is connected to a lower element (3) of the crane tower via an intermediate layer of a rotating plate consisting of plates (7a) which rotate about a vertical axis. Each of the wheels (6) is driven by a motor (9). The rotating plate has a stop mechanism (7c) for stopping the axle in a position of 90[deg] and in positions at a different angle to the longitudinal extension of the lower element of the crane tower. Preferred Features: The wheels can be pulled out on the wheel axle coaxial or parallel to its axle and are operated by hydraulic cylinders arranged on the outside or inside of the wheel axle.

IPC 8 full level

B66C 23/34 (2006.01)

CPC (source: EP)

B66C 23/344 (2013.01)

Citation (search report)

- [A] FR 1543312 A - POTAIN & CIE ETS F
- [A] FR 2184544 A1 19731228 - LOIRECORD [FR]
- [DA] FR 2750411 A1 19980102 - GELCO DI CORRADI FRANCO [IT]

Cited by

ITBZ20100005A1

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 1726558 A2 20061129; EP 1726558 A3 20070822; EP 1726558 B1 20090225; AT E423745 T1 20090315; DE 502006002924 D1 20090409; IT BZ20050024 A1 20061127

DOCDB simple family (application)

EP 06009592 A 20060510; AT 06009592 T 20060510; DE 502006002924 T 20060510; IT BZ20050024 A 20050526