

Title (en)
Device for weathervaning a tower crane

Title (de)
Vorrichtung zum Einstellen der freien Drehfunktion eines Turmdrehkranes

Title (fr)
Dispositif de mise en girouette d'une grue à tour

Publication
EP 2123592 B1 20110427 (FR)

Application
EP 09157930 A 20090415

Priority
FR 0802757 A 20080521

Abstract (en)
[origin: EP2123592A1] The mechanism has an orientation geared motor (8) including an internal main brake (12) that is deactivated when a tower crane is deactivated. Additional braking units are activated when the tower crane is deactivated for exerting a brake torque on a turning part (2) of a tower crane to avoid an uncontrolled rotation of the turning part, during setting vane. The additional braking units are incorporated in the geared motor, where the braking units are in a form of an internal annex brake (15) i.e. single brake disc, intercalated between a motor (10) and a reducer (11).

IPC 8 full level
B66C 23/94 (2006.01)

CPC (source: EP US)
B66C 23/88 (2013.01 - EP US); **B66C 23/94** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2123592 A1 20091125; EP 2123592 B1 20110427; AT E507184 T1 20110515; DE 602009001138 D1 20110609; DK 2123592 T3 20110822; ES 2365301 T3 20110928; FR 2931467 A1 20091127; FR 2931467 B1 20100514; PL 2123592 T3 20120229; PT 2123592 E 20110725; US 2009308827 A1 20091217; US 8074816 B2 20111213

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EP 09157930 A 20090415; AT 09157930 T 20090415; DE 602009001138 T 20090415; DK 09157930 T 20090415; ES 09157930 T 20090415; FR 0802757 A 20080521; PL 09157930 T 20090415; PT 09157930 T 20090415; US 46537909 A 20090513