

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)

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DOCDB simple family (publication)

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