

Title (en)

CRANE AND METHOD FOR WEATHERVANING SUCH A CRANE

Title (de)

KRAN SOWIE VERFAHREN ZUM WINDFREISTELLEN EINES SOLCHEN KRANS

Title (fr)

GRUE ET PROCÉDÉ DE MISE EN GIROUETTE D'UNE TELLE GRUE

Publication

EP 3847123 A1 20210714 (DE)

Application

EP 19802127 A 20191107

Priority

- DE 102018127783 A 20181107
- EP 2019080495 W 20191107

Abstract (en)

[origin: WO2020094770A1] A method for weathervaning a crane (1) which has a boom (3) which can rotate about a vertical axis (5), a slewing gear motor (7) and a slewing gear service brake (8) for securing the boom (3) in a rotational position with a securing torque in the crane mode, wherein in the case of a crane which has been decommissioned, the boom is braked against rotation with a decommissioned mode braking torque which is less than the specified securing torque in the crane mode, wherein the decommissioned mode braking torque is applied by a slip clutch (10) in the form of a hysteresis clutch or hysteresis brake which is preferably arranged between the slewing gear brake (8) and the slewing gear drive (7) or between the slewing gear drive (7) and an output gear (11).

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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