

Title (en)

Device and method for determination and monitoring a counterweight which is fitted to a crane

Title (de)

Vorrichtung und Verfahren zur Ermittlung und Überwachung eines gerüsteten Gegengewichts an einem Kran

Title (fr)

Dispositif et procédé de détermination et de surveillance d'un contre-poids équipé sur une grue

Publication

EP 2799386 B1 20161109 (DE)

Application

EP 13166348 A 20130503

Priority

EP 13166348 A 20130503

Abstract (en)

[origin: CN104129710A] A device for detecting and monitoring an assembled counterweight on a crane includes a turntable steelwork construction (1) comprising a counterweight cylinder (2); a sensor (7) which is arranged in the region of a connection between the counterweight cylinder (2) and the turntable steelwork construction (1); and a computational unit (8), wherein the sensor (7) is connected to the computational unit (8), and the computational unit (8) comprises logic operation which determines a weight of a counterweight which can be connected to the turntable steelwork construction (1) from data which are captured by the sensor (7) and transmitted to the computational unit (8).

IPC 8 full level

B66C 13/16 (2006.01); **B66C 15/06** (2006.01); **B66C 23/72** (2006.01); **B66C 23/74** (2006.01)

CPC (source: EP US)

B66C 13/16 (2013.01 - EP US); **B66C 15/06** (2013.01 - US); **B66C 23/72** (2013.01 - EP US); **B66C 23/74** (2013.01 - US)

Cited by

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