

Title (en)

Jib position indicator for crane

Title (de)

Vorrichtung zur Anzeige der Position eines Arms für Kräne

Title (fr)

Indicateur de position de flèche pour grue

Publication

EP 1911717 B1 20110316 (FR)

Application

EP 07356125 A 20070921

Priority

FR 0608935 A 20061012

Abstract (en)

[origin: EP1911717A2] The indicator (7) has a calculator (12) calculating number of rotation carried out by a jib from number of rotation measured by an angular sensor (8) e.g. multi-turn absolute encoder. A pinion (10) has teeth (11), whose number is equal to power of two such that a reducing ratio (R), defined as a quotient of number of teeth (6) of a toothed crown (4) by the teeth (11), is a decimal number having a final decimal number, irrespective of number of the teeth (6). The decimal number is introduced in the calculator for determination of the last number of rotation carried out by the jib.

IPC 8 full level

B66C 13/16 (2006.01); **B66C 15/04** (2006.01)

CPC (source: EP)

B66C 13/16 (2013.01); **B66C 15/045** (2013.01); **B66C 23/94** (2013.01); **E02F 9/128** (2013.01)

Cited by

JP2015160676A; CN102927957A; US8836323B2; EP2423151B1

Designated contracting state (EPC)

DE ES IT

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EP 1911717 A2 20080416; **EP 1911717 A3 20091202**; **EP 1911717 B1 20110316**; DE 602007013158 D1 20110428; ES 2362802 T3 20110713; FR 2907109 A1 20080418; FR 2907109 B1 20081219

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