

Title (en)

Self-raising crane with structurally simplified locating means.

Title (de)

Selbstauf richtender Kran mit strukturell vereinfachten Positionierungsmitteln

Title (fr)

Grue auto-élevatrice avec un moyen de positionnement structurellement simplifié

Publication

EP 2327654 A1 20110601 (EN)

Application

EP 10189772 A 20101103

Priority

IT MI20092096 A 20091127

Abstract (en)

A self-raising crane with structurally simplified locating means, comprising a bearing construction (2) including a plurality of arms (11) coupled to a central framework (3) and ending with guide seats (12) engageable by upright columns (13), characterized in that said crane further comprises driving means (40) for driving said bearing structure (2), said driving means (40) being adapted to be removably coupled to and operate between said guide seats (12) and upright columns (13).

IPC 8 full level

B66C 23/34 (2006.01); **B66C 23/36** (2006.01); **B66C 23/78** (2006.01)

CPC (source: EP)

B66C 23/34 (2013.01); **B66C 23/36** (2013.01); **B66C 23/78** (2013.01)

Citation (search report)

- [X] US 4619369 A 19861028 - MERTENS HEINZ [DE]
- [X] DE 102008058937 A1 20091126 - PUTZMEISTER CONCRETE PUMPS [DE]
- [X] DE 19856593 A1 19990617 - KOECK ELKE [DE]
- [X] CN 201292227 Y 20090819 - SANY AUTOMOBILE MFG CO LTD [CN]
- [A] CN 1837012 A 20060927 - LIANG YI [CN]
- [A] US 3035713 A 19620522 - ISERMAN LAVERN R
- [A] WO 9634782 A1 19961107 - HIAB FOREST AB [SE], et al

Cited by

EP3000763A1; EP4095085A1; US10086739B2; US10513214B2

Designated contracting state (EPC)

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