

Title (en)

Operation device for a loading crane

Title (de)

Bedienungsvorrichtung für einen Ladekran

Title (fr)

Dispositif de commande pour une grue de chargement

Publication

**EP 1803678 A3 20081126 (DE)**

Application

**EP 06025560 A 20061211**

Priority

AT 8922005 U 20051227

Abstract (en)

[origin: US2007144995A1] An operating apparatus for a loading crane, comprising a display screen on which a torque exerted by the load and the crane can be represented in relation to its respective highest permissible value, wherein the direction of the plane defined by the crane with respect to a horizontal plane (pivot angle) and the current torque can be displayed together with a curve ( 21 ) which represents the highest permissible torque for the entire angular range.

IPC 8 full level

**B66C 23/90** (2006.01); **B66C 23/94** (2006.01)

CPC (source: EP KR US)

**B66C 13/16** (2013.01 - KR); **B66C 23/76** (2013.01 - KR); **B66C 23/90** (2013.01 - KR); **B66C 23/905** (2013.01 - EP US); **B66C 23/94** (2013.01 - EP US)

Citation (search report)

- [X] EP 0614845 A2 19940914 - KATO SEISAKUSHO KK [JP]
- [X] EP 0857687 A1 19980812 - KOMATSU MFG CO LTD [JP], et al
- [X] JP H0558589 A 19930309 - KOBE STEEL LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**AT 9138 U1 20070515**; AU 2006252284 A1 20070712; CN 1990375 A 20070704; EP 1803678 A2 20070704; EP 1803678 A3 20081126; JP 2007176704 A 20070712; KR 20070069052 A 20070702; US 2007144995 A1 20070628

DOCDB simple family (application)

**AT 8922005 U 20051227**; AU 2006252284 A 20061228; CN 200610172503 A 20061226; EP 06025560 A 20061211; JP 2006344048 A 20061221; KR 20060133708 A 20061226; US 64027906 A 20061218