

Title (en)

DEVICE AND METHOD FOR LOADING AND/OR UNLOADING A CARGO SPACE OR STORAGE SPACE

Title (de)

VORRICHTUNG ZUM BE- UND/ODER ENTLADEN EINES LADERAUMS BZW. LAGERRAUMES BZW. VERFAHREN ZUM BE- UND/ODER ENTLADEN EINES LADERAUMS BZW. LAGERRAUMES

Title (fr)

DISPOSITIF ET PROCEDE POUR LE CHARGEMENT ET/OU LE DECHARGEMENT D'ESPACE DE CHARGEMENT OU DE STOCKAGE

Publication

EP 1851157 A2 20071107 (DE)

Application

EP 06706858 A 20060210

Priority

- EP 2006001234 W 20060210
- DE 202005002315 U 20050211

Abstract (en)

[origin: DE202005002315U1] A bulk grain cargo is loaded or unload to/from a ship by a mechanical grab (5) and hoist suspended from an overhead gantry crane. The grab is linked to a control system. The position of the bucket grab is continually monitored by a sensor to detect pendulum motion.

IPC 8 full level

B66C 13/06 (2006.01); **B66C 13/46** (2006.01)

CPC (source: EP)

B66C 13/063 (2013.01); **B66C 13/46** (2013.01)

Citation (search report)

See references of WO 2006084739A2

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

DOCDB simple family (publication)

DE 202005002315 U1 20050616; EP 1851157 A2 20071107; EP 1958915 A2 20080820; EP 1958915 A3 20120815; EP 1958915 B1 20160127; EP 1958915 B8 20160608; WO 2006084739 A2 20060817; WO 2006084739 A3 20061102

DOCDB simple family (application)

DE 202005002315 U 20050211; EP 06706858 A 20060210; EP 08006281 A 20060210; EP 2006001234 W 20060210