

Title (en)
Stacker crane with running gear

Title (de)
Regalbediengerät mit einem Fahrwerk

Title (fr)
Transstockeur avec train de roulement

Publication
EP 2161236 A2 20100310 (DE)

Application
EP 09450161 A 20090908

Priority
• AT 13922008 A 20080908
• AT 5522008 U 20081002

Abstract (en)
The crane has a chassis (9) provided for holding a mast (10) that comprises a carriage (1) with guiding units (2, 2'). The mast has a driving unit (3) that is attached to the carriage and has a driving motor (5). A rail (4) is attached to the carriage, and a free partial area is formed directly above the rail when seen in a mounting orientation, where the guide units are guided into an inner area of the rail. The carriage has downwardly extending side walls at opposite sides of the rail, where the rail has a polygonal cross-section, and one of the guiding units is designed as a roller.

Abstract (de)
Regalbediengerät mit einem Fahrwerk (9) zur Halterung eines Mastes (10) umfassend zumindest einen Schlitten (1) samt Führungselementen (2, 2'), zumindest ein dem Schlitten (1) zugeordnetes Antriebselement (3) samt Antriebsmotor (5) und mit zumindest einer dem Schlitten (1) zugeordneten Schiene (4), wobei zumindest ein Teilbereich - in Einbauorientierung gesehen - unmittelbar oberhalb der zumindest einen Schiene (4) von Führungselementen (2, 2') frei ist.

IPC 8 full level
B66F 9/07 (2006.01); **B66F 9/08** (2006.01)

CPC (source: EP US)
B66F 9/072 (2013.01 - EP US); **B66F 9/08** (2013.01 - EP US)

Citation (applicant)
• DE 19534291 A1 19970320 - BITSCH AXEL DIPL ING [DE]
• EP 1061035 A2 20001220 - MURATA MACHINERY LTD [JP]

Cited by
CN107814119A; EP3336048A1; EP3336047A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2161236 A2 20100310; **EP 2161236 A3 20120620**; **EP 2161236 B1 20140430**; US 2010058950 A1 20100311; US 8397644 B2 20130319

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