

Title (en)

MECHANIZED WAREHOUSE ASSEMBLED OF METAL BUILDING UNITS

Title (de)

AUS METALLISCHEN BAUEINHEITEN ZUSAMMENGEBAUTES MECHANISIERTES WARENLAGER

Title (fr)

ENTREPÔT MÉCANISÉ ASSEMBLÉ À PARTIR D'UNITÉS MÉTALLIQUES DE CONSTRUCTION

Publication

**EP 2004934 A1 20081224 (EN)**

Application

**EP 07733846 A 20070329**

Priority

- HU 2007000029 W 20070329
- HU P0600280 A 20060406

Abstract (en)

[origin: WO2007113602A1] The subject of the invention is a mechanized warehouse assembled of metal building units for the storing of loading units and especially vehicles, which includes a base consisting of several superimposed storage levels and storage lots located radially per storage level, a central shaft located in the centre of the base bordered by the storage lots and a lifting device movable upwards and downwards in the central shaft and the connecting movable unit, where the lifting device has a supporting body for the support of the loading unit including a sliding device and a rotating mechanism located between the sliding device and the supporting body; and the at least one connecting level for the inserting and removal of the loading unit is attached to the central shaft. The characteristic feature of the invention is that in the central shaft (11) independently from the one lifting device (20) an other movable lifting device (30) is located; and the moving unit (40) with one of the moving units (41) connecting to one of the lifting device (20) and the other moving sub-unit (42) connecting to the other lifting device (30), where one of the moving sub-unit (41) and the other moving sub-unit (42) is connected to each other through a actuation control centre (43), and the central shaft (11) is completed with a service tunnel attachment (12,13) in the section of the central shaft (11) located under and/or above the storage levels (15) suitable for receiving of one of the one lifting device (20) or the other lifting device (30).

IPC 8 full level

**E04H 6/28** (2006.01)

CPC (source: EP)

**E04H 6/285** (2013.01)

Cited by

CN105735704A

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2007113602 A1 20071011**; AT E444424 T1 20091015; DE 602007002623 D1 20091112; EP 2004934 A1 20081224; EP 2004934 B1 20090930; ES 2334287 T3 20100308; HU 0600280 D0 20060529; HU 226452 B1 20081229; HU P0600280 A2 20080929; PL 2004934 T3 20100331

DOCDB simple family (application)

**HU 2007000029 W 20070329**; AT 07733846 T 20070329; DE 602007002623 T 20070329; EP 07733846 A 20070329; ES 07733846 T 20070329; HU P0600280 A 20060406; PL 07733846 T 20070329