

Title (en)
DEVICE AND METHOD FOR PARKING A VEHICLE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM PARKEN EINES FAHRZEUGES

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR GARER UN VÉHICULE

Publication
EP 3455434 B1 20201216 (DE)

Application
EP 17723259 A 20170511

Priority
• DE 102016208235 A 20160512
• EP 2017000576 W 20170511

Abstract (en)
[origin: WO2017194191A1] The invention relates to a device for parking a vehicle, comprising at least two horizontal conveying units arranged one behind the other in a conveying direction (x), and at least one pallet for providing a parking area for a vehicle to be parked. The horizontal conveying units are actuated by means of a control device (C) for conveying, stopping, and positioning a pallet. At least two measuring sensors (46, 47, 48) arranged one behind the other in the conveying direction (x) are arranged on the respective horizontal conveying unit. The at least two measuring sensors (46, 47, 48) are used for detecting at least one detection element (63). By means of the at least two measuring sensors (46, 47, 48) and the at least one detection element (63), a pallet can be positioned quickly and exactly relative to a horizontal conveying unit in a simple and reliable manner.

IPC 8 full level
E04H 6/22 (2006.01); **E04H 6/34** (2006.01); **E04H 6/42** (2006.01)

CPC (source: CN EP)
E04H 6/22 (2013.01 - CN EP); **E04H 6/34** (2013.01 - CN EP); **E04H 6/424** (2013.01 - CN EP)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017194191 A1 20171116; CN 107366459 A 20171121; CN 107366459 B 20210716; CN 208024034 U 20181030;
DE 102016208235 A1 20171116; EP 3455434 A1 20190320; EP 3455434 B1 20201216

DOCDB simple family (application)
EP 2017000576 W 20170511; CN 201710330372 A 20170511; CN 201720524536 U 20170511; DE 102016208235 A 20160512;
EP 17723259 A 20170511