

Title (en)

Trolley to move motor vehicles in a car park

Title (de)

Wagen zum Befördern von Fahrzeugen in einem Parkhaus

Title (fr)

Chariot pour déplacer les véhicules dans un parking à étages

Publication

EP 1104831 A1 20010606 (EN)

Application

EP 00125486 A 20001121

Priority

IT UD990210 A 19991202

Abstract (en)

Trolley to move a motor vehicle (15) inside a car park (10), having lifting means (18a, 18b) which comprise for each wheel (55) of said motor vehicle a pair of arms (26) able to move selectively towards each other to lift said wheel (55) from the ground (21), and alignment means (23a, 23b) which comprise, for each pair of front and rear wheels (55), two thruster elements (42) able to move in opposite directions to each other towards a respective wheel (55) to push it outwards until the longitudinal axis of said motor vehicle (15) and said reference axis (25) of said trolley (20) coincide. <IMAGE>

IPC 1-7

E04H 6/18

IPC 8 full level

E04H 6/18 (2006.01)

CPC (source: EP)

E04H 6/183 (2013.01)

Citation (search report)

- [A] US 4968208 A 19901106 - FRIBERG HARRY [SE]
- [A] US 3156366 A 19641110 - MILO SHUTT
- [A] US 3435965 A 19690401 - SCHARF WILLI, et al

Cited by

CN106760799A; CN102561763A; CN105863258A; KR100696296B1; CN104358456A; EP1836366A4; CN104453306A; EP1706561A4; DE102004061283B4; CN108298468A; US10982458B2; WO2010066101A1; WO2007110723A3; WO03089737A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1104831 A1 20010606; EP 1104831 B1 20040623; AT E269927 T1 20040715; DE 60011738 D1 20040729; DE 60011738 T2 20050714; ES 2223376 T3 20050301; IT 1310793 B1 20020222; IT UD990210 A0 19991202; IT UD990210 A1 20010602

DOCDB simple family (application)

EP 00125486 A 20001121; AT 00125486 T 20001121; DE 60011738 T 20001121; ES 00125486 T 20001121; IT UD990210 A 19991202