

Title (en)

LIFTING CARRIER TRUCK, ESPECIALLY FOR STORES WITH MECHANICAL HANDLING FOR HEAVY OBJECTS

Publication

**EP 0338603 A3 19900321 (EN)**

Application

**EP 89200667 A 19890317**

Priority

IT 2026288 A 19880420

Abstract (en)

[origin: EP0338603A2] A lifting carrier truck, especially for stores with mechanical handling, comprising a truck (1) movable on rails (2) in a passageway between opposite racks (17) of shelves, the truck carrying columns (3) extending through the entire height of the racks (17), along which columns (3) a cradle (4) can be vertically raised, wherein the cradle has a width substantially equal to, or slightly less than, the free space between each pair of facing racks (17), and above which cradle (4) there is a movable carriage (11), adapted for carrying an object to be placed in the rack, which carriage loads the cradle (4) only vertically, and can be displaced between a carrying position, in which the carriage rests entirely on the cradle (4), and a position for depositing on or collecting from the rack (17), in which the carriage (11) rests entirely upon the rack itself.

IPC 1-7

**B66F 9/07**; B65G 1/04

IPC 8 full level

**B66F 9/07** (2006.01)

CPC (source: EP)

**B66F 9/07** (2013.01)

Citation (search report)

- [Y] EP 0071883 A1 19830216 - KONE ASCENSEURS [FR]
- [Y] FR 2187633 A1 19740118 - APLITEC LTD [CA]
- [A] GB 2052457 A 19810128 - VEVEY ATEL CONST MEC
- [A] GB 2063211 A 19810603 - GEN ELECTRIC CO LTD
- [A] BE 829530 A 19750915
- [A] GB 1187260 A 19700408 - PARKER WALLACE JAMES, et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 203 (M-326)[1640], 18th September 1984; & JP-A-59 092 807 (HITACHI KINZOKU K.K.) 29-05-1984

Cited by

EP0514613A1; WO9207153A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0338603 A2 19891025**; **EP 0338603 A3 19900321**; FI 891877 A0 19890419; FI 891877 A 19891021; IT 1216606 B 19900308; IT 8820262 A0 19880420

DOCDB simple family (application)

**EP 89200667 A 19890317**; FI 891877 A 19890419; IT 2026288 A 19880420