

Title (en)

Linkage unit for drive members of self-propelled vehicles such as lift trucks and the like

Title (de)

Verbindungsvorrichtung für Steuerelemente von Kraftfahrzeugen wie Gabelstapler

Title (fr)

Éléments de liaison pour commandes de véhicules automobiles tels que chariots élévateurs

Publication

EP 1316872 A3 20030813 (EN)

Application

EP 02080013 A 20021128

Priority

IT RE20010115 A 20011130

Abstract (en)

[origin: EP1316872A2] A linkage unit for drive members of self-propelled vehicles, such as manual lever or pedal actuators for the forward travel and reversing of a self-propelled vehicle, comprising two linkage members (7) to be connected to said forward travel and reversing actuators, said members being keyed onto two parallel shafts (33a, 33b) and being linked in such a manner as to rotate in phase opposition between a rest position determined by an elastic repositioning device, and two opposing operative positions determined by the activation of one or the other of said actuators, in which said linkage members and said repositioning device are located within an enclosing casing (10, 100, 101, 120) acting as a frame to be removably fixed to the structure of the self-propelled vehicle, and from which said shafts emerge with means (133) for the quick connection of said actuators, said linkage members being connected together by a connecting rod (77). <IMAGE>

IPC 1-7

G05G 1/14; G05G 1/24; G05G 5/05

IPC 8 full level

G05G 1/01 (2008.04)

CPC (source: EP)

G05G 1/04 (2013.01)

Citation (search report)

- [A] US 5842378 A 19981201 - ZELLMER TIMOTHY PAUL [US]
- [A] US 4129047 A 19781212 - DORNAN ARTHUR E
- [A] DE 19848093 A1 20000420 - MANNESMANN VDO AG [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1316872 A2 20030604; **EP 1316872 A3 20030813**; **EP 1316872 B1 20041110**; DE 60201875 D1 20041216; DE 60201875 T2 20050310; IT RE20010115 A1 20030530

DOCDB simple family (application)

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