

Title (en)

Compact Railway Vehicle Manipulator

Title (de)

Kompakter Manipulator für Schienenfahrzeug

Title (fr)

Manipulateur compact pour véhicule de chemin de fer

Publication

EP 2476598 A1 20120718 (EN)

Application

EP 12000013 A 20120102

Priority

IT MI20110018 A 20110112

Abstract (en)

A compact manipulator (10) for railway vehicle, especially usable for railway, streetcar and underground applications, comprises a plate-shaped element (12) fixed to the vehicle's drive bench, wherefrom a lever (14) protrudes, coming out of a case (16) with substantially semi-circular profile fixed to said plate-shaped element (12). The case (16) is provided with an extended longitudinal slit where to a portion of a disc-shaped body or drum (20) is facing, where to the lever (14) is fixed; said drum rotates on a fixed shaft (22) projecting from a support (38).

IPC 8 full level

B61C 17/12 (2006.01)

CPC (source: EP)

B61C 17/12 (2013.01); **G05G 1/04** (2013.01)

Citation (search report)

- [X] US 4796480 A 19890110 - AMOS BARRY L [CA], et al
- [A] US 2647415 A 19530804 - DEAN WALTER B, et al

Cited by

CN110481576A; PL423400A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2476598 A1 20120718; EP 2476598 B1 20130828; ES 2436601 T3 20140103; IT 1403625 B1 20131031; IT MI20110018 A1 20120713

DOCDB simple family (application)

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