

Title (en)

Locking, displacement and guiding device for sliding sides of freight cars

Title (de)

Arretier-, Ausstell- und Führungseinrichtung für Schiebewandgüterwagen

Title (fr)

Dispositif de blocage, de déplacement et de guidage pour parois coulissantes de wagons à marchandises

Publication

EP 0960795 A3 20000322 (DE)

Application

EP 99250166 A 19990526

Priority

DE 19825382 A 19980528

Abstract (en)

[origin: EP0960795A2] A rail truck with sliding doors (4) has doors each side of a central support arch (3) and with the selected door moved outwards on a four element drive linkage driven by a crank arm (11). The crank drives a coupling arm (12) with a swivel joint (7) coupling to the door and with the other end of the coupling arm linked to the central arch by a link arm (13). The drive for the crank arm is via a rotating rod (9) linked to each end of the truck.

IPC 1-7

B61D 39/00; **B61D 17/08**

IPC 8 full level

B60P 1/32 (2006.01); **B61D 17/08** (2006.01); **A01D 39/00** (2006.01); **B61D 39/00** (2006.01)

CPC (source: EP)

B61D 17/08 (2013.01); **B61D 39/006** (2013.01)

Citation (search report)

- [X] DE 19601066 A1 19960808 - RAUTARUUKKI OY [FI]
- [A] DE 4410097 A1 19950921 - NIESKY WAGGONBAU GMBH [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0960795 A2 19991201; **EP 0960795 A3 20000322**; **EP 0960795 B1 20041215**; CZ 182799 A3 19991215; CZ 291361 B6 20030212; DE 19825382 A1 19991202; DE 19825382 C2 20030102; HU 222641 B1 20030929; HU 9901762 D0 19990728; HU P9901762 A2 20010428; PL 192525 B1 20061130; PL 333389 A1 19991206; SK 285041 B6 20060504; SK 70099 A3 20000118

DOCDB simple family (application)

EP 99250166 A 19990526; CZ 182799 A 19990524; DE 19825382 A 19980528; HU P9901762 A 19990528; PL 33338999 A 19990526; SK 70099 A 19990526