

Title (en)

Device for opening, closing and locking hopper doors of railway carriages.

Title (de)

Vorrichtung zum Öffnen, Schliessen und Verriegeln von Trichterklappen von Waggons.

Title (fr)

Dispositif d'ouverture-fermeture et de verrouillage de trappes de trémies de wagons.

Publication

EP 0250332 A1 19871223 (FR)

Application

EP 87401385 A 19870619

Priority

FR 8608972 A 19860620

Abstract (en)

Device for the simultaneous closing of two hopper doors (2) of a hopper wagon by means of two rods (6) with a swan neck (12) actuated by a rotating lever (15), passing from a neutral position in order to obtain a self-stable closing position. <IMAGE>

IPC 1-7

B61D 7/24; **B61D 7/26**

IPC 8 full level

B61D 7/24 (2006.01); **B61D 7/28** (2006.01); **B65D 90/62** (2006.01)

CPC (source: EP)

B61D 7/24 (2013.01); **B61D 7/28** (2013.01); **B65D 90/623** (2013.01)

Citation (search report)

- [AD] FR 2387151 A1 19781110 - LINKE HOFMANN BUSCH [DE]
- [AD] FR 1424100 A 19660107 - ORENSTEIN & KOPPEL AG
- [A] DE 316537 C
- [A] US 4224877 A 19800930 - STARK MARVIN, et al
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EP0543279A1

Designated contracting state (EPC)

BE DE FR LU NL

DOCDB simple family (publication)

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