

Title (en)

Shift and opening mechanism for sliding walls in a railway freight wagon

Title (de)

Schieb- und Öffnungsvorrichtung für die Schiebewände eines Eisenbahngüterwagens

Title (fr)

Mécanisme de déboîtement et d'ouverture pour les parois coulissantes d'un wagon de marchandises

Publication

**EP 1125814 B1 20080618 (EN)**

Application

**EP 01660023 A 20010201**

Priority

FI 20000376 A 20000218

Abstract (en)

[origin: EP1125814A1] The invention relates to a shift and opening mechanism for rigid sliding walls (10) in a railway freight wagon, which in a closed position (K) thereof constitute a cover enclosing a wagon space (50) and in an open position (A) offset from the wagon space are movable lengthwise of the wagon over the top of sliding walls presently in the closed position. For this purpose the sliding walls have bottom edges thereof provided with runners (11) and bottom expander mechanisms (8a, 8b) and top edges (14) thereof with top expander mechanisms (9a, 9b), comprising a rigid first and second profile (60a, 60b) matching the length of a sliding wall. In the lengthwise edge thereof pointing away from a pivot axis (5, 6), the profiles, on the one hand, consist of a swivel rail (2) moving a bottom edge (13) of the side wall while supporting the runners (1) and, on the other hand, of a guide element (17) in engagement with an edge gutter (24) of the sliding wall top edge (14), as well as of a web (59a, 59b) which is attached by means of individual bottom bearings (20) and top bearings (36) to the wagon frame (49). <IMAGE> <IMAGE>

IPC 8 full level

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