

Title (en)

Labyrinth seal, especially for sliding side panels of freight wagons

Title (de)

Labyrinthabdichtung, insbesondere für Schiebewände von Güterwagen

Title (fr)

Joint d'étanchéité à labyrinthe, notamment pour parois coulissantes de wagons à marchandises

Publication

EP 1180461 A3 20021023 (DE)

Application

EP 01250287 A 20010806

Priority

DE 10040286 A 20000814

Abstract (en)

[origin: EP1180461A2] Labyrinths (3,3') of labyrinth profiles and an angle piece (7,7') are formed on the outer limits of a sliding side (1) of a railway goods wagon. The labyrinths in one region (X) are positioned by a horizontal member (11,11') parallel to the angle piece with a small clearance, and in another region (Z) are constructed with a double bend (12,12'), the channel-form end of which points in the direction of the angle piece. The angle piece with its vertical member (15,15') in a third region (Y) lies upon the labyrinth profile when the sliding side is in its closed position.

IPC 1-7

B61D 39/00

IPC 8 full level

B61D 39/00 (2006.01); **B61D 17/08** (2006.01); **F16J 15/00** (2006.01); **F16J 15/04** (2006.01)

CPC (source: EP)

B61D 39/008 (2013.01)

Citation (search report)

- [A] FR 2564051 A1 19851115 - NIESKY WAGGONBAU VEB [DD]
- [A] EP 0175073 A1 19860326 - NIESKY WAGGONBAU VEB [DD]
- [A] US 3408958 A 19681105 - DE PLASCH KENNETH VAN

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1180461 A2 20020220; **EP 1180461 A3 20021023**; CZ 20012667 A3 20020417; CZ 294455 B6 20050112; DE 10040286 A1 20020307; HU 0103300 D0 20011028; HU 223498 B1 20040830; HU P0103300 A2 20020529; HU P0103300 A3 20030128; PL 348986 A1 20020225; SK 11542001 A3 20020305

DOCDB simple family (application)

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