

Title (en)

Communication bellows between cars of a rail vehicle

Title (de)

Faltenbalg zwischen den Wagen eines Schienenfahrzeugs

Title (fr)

Soufflet d'intercirculation entre voitures d'un véhicule ferroviaire

Publication

EP 2082942 B1 20180711 (FR)

Application

EP 09150940 A 20090120

Priority

FR 0850442 A 20080124

Abstract (en)

[origin: EP2082942A1] The bellow has an outer skin (22) presenting a succession of outgoing undulations (56), and an inner skin (24) presenting a succession of entering undulations (58) arranged opposite to the outgoing undulations of the outer skin. The skins define a closed sound insulation space (25) between them, where the inner skin is linked to the outgoing undulations of the outer skin. The outer and inner skins present a closed section and are linked with the few undulations (56, 58) with respect to remaining undulations (56, 58) of the skins separated from each other. An independent claim is also included for an intercommunication zone with two end walls of two successive cars of a rail vehicle, where each wall delimits a passage opening.

IPC 8 full level

B61D 17/22 (2006.01)

CPC (source: EP KR US)

B61D 17/04 (2013.01 - KR); **B61D 17/20** (2013.01 - KR); **B61D 17/22** (2013.01 - EP KR US)

Cited by

EP3118081A1; CN102463862A; US11407433B2; EP2335995A1; US10518594B2; WO2017009069A1; WO2018024289A1

Designated contracting state (EPC)

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 SE SI SK TR

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DOCDB simple family (application)

EP 09150940 A 20090120; AR P090100202 A 20090123; CA 2650765 A 20090121; CN 200910005098 A 20090123; ES 09150940 T 20090120; FR 0850442 A 20080124; JP 2009013497 A 20090123; KR 20090005667 A 20090122; PL 09150940 T 20090120; RU 2009102246 A 20090123; US 35831309 A 20090123