

Title (en)

PLATFORM GAP FILLER DEVICE FOR A RAILWAY VEHICLE AND RAILWAY VEHICLE COMPRISING SAID DEVICE

Title (de)

BAHNSTEIGSPALTFÜLLVORRICHTUNG FÜR EIN SCHIENENFAHRZEUG UND SCHIENENFAHRZEUG, DAS DIESE VORRICHTUNG UMFASST

Title (fr)

DISPOSITIF DE REMPLISSAGE D'ESPACE DE PLATEFORME POUR UN VÉHICULE FERROVIAIRE ET VÉHICULE FERROVIAIRE COMPRENANT LEDIT DISPOSITIF

Publication

EP 4289700 A1 20231213 (EN)

Application

EP 22382544 A 20220608

Priority

EP 22382544 A 20220608

Abstract (en)

The invention relates to a platform gap filler device for a railway vehicle, comprising a bridging element (110) coupleable to the outside of the vehicle below a door in order to minimize the separation between the vehicle and the platform (2), a retractable element (120) which is partially housed in a gap (111) of the bridging element (110) which is movable between a retracted position (P1) and an extended position in which the retractable element (120) protrudes from the bridging element (110), and spring means (130) to force the retractable element (120) towards the extended position which comprise an elastically deformable bar (131) fixed between the bridging element (110) and the retractable element (120), such that when the retractable element (120) contacts the platform (2), the retractable element (120) moves from the extended position to the retracted position (P1) compressing the elastically deformable bar (131).

IPC 8 full level

B61D 23/02 (2006.01)

CPC (source: EP)

B61D 23/02 (2013.01)

Citation (applicant)

- DE 102015213651 A1 20170126 - BOMBARDIER TRANSP GMBH [DE]
- EP 3473513 A1 20190424 - ALSTOM TRANSP TECH [FR]

Citation (search report)

- [YDA] EP 3473513 A1 20190424 - ALSTOM TRANSP TECH [FR]
- [YA] FR 3099733 A1 20210212 - ALSTOM TRANSP TECH [FR]
- [YA] US 1045009 A 19121119 - ELSNER KURT L [US]
- [A] EP 3121086 A1 20170125 - BOMBARDIER TRANSP GMBH [DE]
- [A] KR 20100086158 A 20100730 - SEOUL METRO [KR]
- [AD] DE 102015213651 A1 20170126 - BOMBARDIER TRANSP GMBH [DE]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4289700 A1 20231213

DOCDB simple family (application)

EP 22382544 A 20220608