

Title (en)

OBSTACLE DEFLECTOR FOR A RAIL VEHICLE

Title (de)

HINDERNISABLENKER FÜR EIN SCHIENENFAHRZEUG

Title (fr)

DÉFLECTEUR D'OBSTACLES POUR VÉHICULE FERROVIAIRE

Publication

**EP 3575178 A1 20191204 (EN)**

Application

**EP 18305679 A 20180601**

Priority

EP 18305679 A 20180601

Abstract (en)

This obstacle deflector (12), for a rail vehicle (10) having a carbodyshell (14) with a front end, comprises a support member (18, 26) arranged to be fixed at a proximate end (18a) to the a front end of the carbodyshell (14); a moving element (16, 24) supported by said support member (18, 26) so as to be slideably movable with respect to the support member (18, 26); and a shield element (20) fixed to a front end (16a, 24a) the moving element (16, 24. The moving element (16, 24) is arranged to move between an extended position, wherein the shield element (20) is spaced from a distal end (18b, 26b) of the support member (18, 26) and is arranged to push away an obstacle placed in front of the rail vehicle (10), and a retracted position, wherein the shield element (20) is in contact with the distal end (18b, 26b) of the support member (18) and is arranged not to push away said obstacle.

IPC 8 full level

**B61F 19/04** (2006.01)

CPC (source: EP)

**B61F 19/04** (2013.01)

Citation (search report)

- [IY] DE 102015205283 A1 20160929 - BOMBARDIER TRANSP GMBH [DE]
- [Y] US 3848914 A 19741119 - WATHEN R
- [A] DE 121726 C
- [A] DE 166218 C 19051211 - QUOLILIN LUDWIG [HU], et al
- [A] FR 467678 A 19140617 - JOHN HENRY FERGUSON [US]

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

DOCDB simple family (publication)

**EP 3575178 A1 20191204; EP 3575178 B1 20210804; PL 3575178 T3 20220110**

DOCDB simple family (application)

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