

Title (en)

Railway vehicle with a frontal communication passage

Title (de)

Schienenfahrzeug mit einem Frontübergang

Title (fr)

Véhicule sur rail doté d'un passage d'intercirculation frontal

Publication

**EP 2177417 B1 20120801 (DE)**

Application

**EP 09170015 A 20090911**

Priority

DE 102008051901 A 20081016

Abstract (en)

[origin: EP2177417A1] The railway vehicle has a front passage (F), which has a passage frame (2). The passage frame is mounted on a supporting element outgoing from a vehicle body. The passage frame is pivot-mounted such that the passage frame is displaced between a retracted position and an extended position. The passage frame captures a state parallel to a front of the railway vehicle under folding of bellows (B) of the front passage by the retracted position. The passage frame captures a vertical position by the extended position.

IPC 8 full level

**B61D 17/20** (2006.01); **B61C 17/04** (2006.01); **B61D 17/06** (2006.01)

CPC (source: EP)

**B61C 17/04** (2013.01); **B61D 17/06** (2013.01); **B61D 17/20** (2013.01)

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 SM TR

DOCDB simple family (publication)

**EP 2177417 A1 20100421**; **EP 2177417 B1 20120801**; **EP 2177417 B8 20120926**; DE 102008051901 A1 20100610;  
DE 102008051901 B4 20140710; ES 2393587 T3 20121226

DOCDB simple family (application)

**EP 09170015 A 20090911**; DE 102008051901 A 20081016; ES 09170015 T 20090911