

Title (en)

Communication passage with flexible below, for railway vehicles

Title (de)

Übergangsbalg eines Frontübergangs zwischen zwei gelenkig miteinander verbundenen Fahrzeugen

Title (fr)

Dispositif d'intercirculation avec soufflet déformable, pour véhicules ferroviaires

Publication

**EP 2236382 B1 20111221 (DE)**

Application

**EP 09004882 A 20090402**

Priority

EP 09004882 A 20090402

Abstract (en)

[origin: EP2236382A1] Transition bellows (20) comprises a bellows frame (12) joined in the region of its upper end to the front side (2) of a vehicle by a cross-piece which absorbs transversal forces. Preferred Features: The transition bellows has a front frame (25) which pivots on a clutch of the vehicle receiving the bellows. A bearing block arranged on the front side of the vehicle is arranged to pivot the bellows frame.

IPC 8 full level

**B61D 17/20** (2006.01)

CPC (source: EP)

**B61D 17/20** (2013.01)

Cited by

EP3045330A1; RU2630877C2; WO2013182221A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2236382 A1 20101006; EP 2236382 B1 20111221**; AT E538012 T1 20120115; DK 2236382 T3 20120130; ES 2376181 T3 20120309

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**EP 09004882 A 20090402**; AT 09004882 T 20090402; DK 09004882 T 20090402; ES 09004882 T 20090402