

Title (en)
Unit for ventilating railway vehicle equipment

Title (de)
Belüftungseinheit einer Ausrüstung eines Schienenfahrzeugs

Title (fr)
Ensemble de ventilation d'un appareillage de véhicule ferroviaire

Publication
EP 2078655 B1 20110921 (FR)

Application
EP 09150243 A 20090108

Priority
FR 0850164 A 20080111

Abstract (en)
[origin: EP2078655A1] The panel (1) has compartments (6, 8) forming a ventilation assembly (4). An electric fan cools an appliance e.g. braking rheostat (2), placed near the compartment (8). The compartment (6) has deflectors (24) extending from an opening (10) towards interior of the compartment (6). The deflectors are fixed with respect to the panel and guide a flow of air aspirated from the exterior of the vehicle to the compartment (8). Each deflector presenting an adapted shape to minimize the disturbance of the aspirated air flow, irrespective of displacement direction of a railway vehicle.

IPC 8 full level
B61C 17/04 (2006.01); **B61C 5/02** (2006.01)

CPC (source: EP)
B61C 5/02 (2013.01); **B61C 17/04** (2013.01); **B61D 17/16** (2013.01)

Cited by
CN105151060A; EP2308735A1; EP3453584A1; FR3070353A1; EP4175433A1; FR3128847A1; DE102013217628A1; CN107618532A; US11097752B2; EP2889199A1; FR3014396A1; WO2019063667A1; WO2014029584A1; WO2014001047A1; US10864925B2; US10435041B2; US9463813B2

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

DOCDB simple family (publication)
EP 2078655 A1 20090715; EP 2078655 B1 20110921; AT E525264 T1 20111015; CN 101531199 A 20090916; CN 101531199 B 20130417; ES 2369757 T3 20111205; FR 2926276 A1 20090717; FR 2926276 B1 20100903; JP 2009166835 A 20090730; RU 2009100677 A 20100720; RU 2496657 C2 20131027

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EP 09150243 A 20090108; AT 09150243 T 20090108; CN 200910007275 A 20090109; ES 09150243 T 20090108; FR 0850164 A 20080111; JP 2009003430 A 20090109; RU 2009100677 A 20090111