

Title (en)
Side wall of the body of a railway vehicle

Title (de)
Seitenwand des Wagenkastens eines Schienenfahrzeugs

Title (fr)
Face latérale de caisse de véhicule ferroviaire

Publication
EP 1862366 B1 20090819 (FR)

Application
EP 07290607 A 20070514

Priority
FR 0604957 A 20060602

Abstract (en)
[origin: EP1862366A1] The wall has an armature (1) constituted of panels juxtaposed and fixed together to form a continuous assembly, where the panels are central panels (2), end panels (6, 6'), door receiving panel (8) and an intermediate connecting panel (4). An outer skin (10) is placed side by side with the armature in a manner to form a stratified assembly. Each panel have ribs arranged in a manner to ensure vertical and horizontal rigidity of the wall. The skin extends on entire length of the wall, where the skin is a sheet which is cut to form openings made of composite material, metal or plastic material.

IPC 8 full level
B61D 17/04 (2006.01); **B61D 17/08** (2006.01); **B62D 25/02** (2006.01)

CPC (source: EP US)
B61D 17/045 (2013.01 - EP US); **B61D 17/08** (2013.01 - EP US)

Cited by
EP2873580A1; EP3061663A1; CN111332325A; EP3798079A1; EP3862243A1; FR3107026A1; EP3786024A1; US11708096B2

Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
EP 1862366 A1 20071205; EP 1862366 B1 20090819; BR PI0701929 A2 20100831; BR PI0701929 B1 20180918; CA 2588895 A1 20071202; CA 2588895 C 20140715; CN 101081619 A 20071205; CN 101081619 B 20101201; DE 602007002006 D1 20091001; ES 2332950 T3 20100215; FR 2901764 A1 20071207; FR 2901764 B1 20190809; HK 1109760 A1 20080620; US 2008011188 A1 20080117; US 7958831 B2 20110614

DOCDB simple family (application)
EP 07290607 A 20070514; BR PI0701929 A 20070529; CA 2588895 A 20070515; CN 200710108756 A 20070531; DE 602007002006 T 20070514; ES 07290607 T 20070514; FR 0604957 A 20060602; HK 08103073 A 20080317; US 80908207 A 20070531