

Title (en)
RAIL VEHICLE WITH A DRIVE UNIT

Title (de)
SCHIENENFAHRZEUG MIT EINER ANTRIEBSEINRICHTUNG

Title (fr)
VÉHICULE FERROVIAIRE AVEC UN DISPOSITIF D'ENTRAÎNEMENT

Publication
EP 1963157 B1 20090610 (DE)

Application
EP 07803552 A 20070918

Priority
• EP 2007059860 W 20070918
• DE 102006044396 A 20060918

Abstract (en)
[origin: WO2008034830A1] Disclosed is an electric drive rail vehicle with a rail body (102) which is supported on a first wheel unit (103.1) and a second wheel unit (103.2) separated therefrom along the rail body (102) longitudinal axis, and an electrical drive unit (104) which drives the first wheel unit (103.1) and the second wheel unit (103.2), wherein the drive unit (104) has at least a first transformer unit (105.1) and a first current converter unit (106.1) assigned thereto, which are both arranged in the rail body (102). Furthermore, the first transformer unit (105.1) and the first current converter unit (106.1) are functionally and spatially assigned to the first wheel unit (103.1), and the drive unit (104) has a second transformer unit (105.2) and second current converter (106.2) assigned thereto which are functionally and spatially assigned to the second wheel unit (103.2).

IPC 8 full level
B61C 3/00 (2006.01); **B61C 17/00** (2006.01)

CPC (source: EP)
B61C 3/00 (2013.01); **B61C 17/00** (2013.01); **B61D 1/06** (2013.01)

Cited by
US10611385B2; EP3265358B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008034830 A1 20080327; AT E433400 T1 20090615; DE 102006044396 A1 20080403; DE 502007000851 D1 20090723;
DK 1963157 T3 20091005; EP 1963157 A1 20080903; EP 1963157 B1 20090610; IL 197666 A0 20091224; IL 197666 A 20140528;
PL 1963157 T3 20091231; RU 2009114830 A 20101027; RU 2440260 C2 20120120

DOCDB simple family (application)
EP 2007059860 W 20070918; AT 07803552 T 20070918; DE 102006044396 A 20060918; DE 502007000851 T 20070918;
DK 07803552 T 20070918; EP 07803552 A 20070918; IL 19766609 A 20090318; PL 07803552 T 20070918; RU 2009114830 A 20070918