

Title (en)  
SYSTEM OF TRANSPORTING ROAD VEHICLES ON TRAINS

Title (de)  
SYSTEM ZUM TRANSPORT VON STRASSENFAHRZEUGEN AUF ZÜGEN

Title (fr)  
SYSTEME POUR LE TRANSPORT DE VEHICULES ROUTIERS SUR TRAINS

Publication  
**EP 1494906 B1 20091014 (FR)**

Application  
**EP 03743917 A 20030307**

Priority

- FR 0300758 W 20030307
- FR 0203019 A 20020311

Abstract (en)  
[origin: WO03076246A1] The invention relates to a system of transporting road vehicles on trains, comprising adapted stations, handling systems and carriages. According to the invention, each carriage comprises: a connecting bar (19) which connects two bogies, the bogie/bar sequence forming trains; a removable shell (1), known as a passable shell, comprising the frame which is open at the two ends thereof, road vehicles being able to enter said shell; and a rigid lining at the central part. The carriages can support the weight of a standard modern road trailer. Said trains can withstand speeds of the order of 200 km/h and can travel on gradients of 35 mm/m due to the fact that the motorisation is distributed over the bogies. Automated handling devices are installed in the stations in order to load/unload the passable shells onto/from the trains. The vehicles embark/disembark the passable shells simultaneously at several points, such that stopping times in train stations of the order of 6 minutes are achieved.

IPC 8 full level  
**B61D 3/18** (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP)  
**B61D 3/182** (2013.01); **B61D 47/005** (2013.01)

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

DOCDB simple family (publication)  
**WO 03076246 A1 20030918; WO 03076246 A9 20040603**; AT E445522 T1 20091015; AU 2003242810 A1 20030922;  
DE 60329669 D1 20091126; EP 1494906 A1 20050112; EP 1494906 B1 20091014; FR 2836882 A1 20030912; FR 2836882 B1 20040625

DOCDB simple family (application)  
**FR 0300758 W 20030307**; AT 03743917 T 20030307; AU 2003242810 A 20030307; DE 60329669 T 20030307; EP 03743917 A 20030307;  
FR 0203019 A 20020311