

Title (en)

Large sized vehicle for transporting passengers especially low floor urban tram

Title (de)

Grossräumiges Fahrzeug zur Personenbeförderung, insbesondere Niederflur-Stadtbahnwagen

Title (fr)

Véhicule à grande taille pour transport de personnes, notamment voiture de tramway surbaissée

Publication

EP 0787636 A3 19981118 (DE)

Application

EP 97100922 A 19970122

Priority

DE 19603408 A 19960131

Abstract (en)

[origin: EP0787636A2] The section of the vehicle side wall facing the floor (1) is reinforced by a deformation resistant floor channel (4) formed as an extruded section. The overall width of the section measured between the outer and inner faces (4a,b) is greater than the corresponding overall width of the remaining load-bearing structure of the side wall. The floor channel is integrated into the load-bearing structure of the side wall as a component part of the vehicle shell.

IPC 1-7

B61D 17/08; **B61D 15/06**

IPC 8 full level

B61D 15/06 (2006.01); **B61D 17/08** (2006.01); **B61D 27/00** (2006.01)

CPC (source: EP)

B61D 15/06 (2013.01); **B61D 17/08** (2013.01)

Citation (search report)

- [A] US 2354852 A 19440801 - DEAN ALBERT G
- [A] FR 1374672 A 19641009 - BUDD CO

Cited by

DE19927001A1; DE19927001C2; EP0997364A1; CN113291331A; WO2012083639A1; WO0076823A1; EP3838705A1; EP4230497A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)

EP 0787636 A2 19970806; **EP 0787636 A3 19981118**; **EP 0787636 B1 20010321**; AT E199860 T1 20010415; DE 19603408 A1 19970807; DE 59703158 D1 20010426; ES 2155951 T3 20010601; PT 787636 E 20010731

DOCDB simple family (application)

EP 97100922 A 19970122; AT 97100922 T 19970122; DE 19603408 A 19960131; DE 59703158 T 19970122; ES 97100922 T 19970122; PT 97100922 T 19970122