

Title (en)

Underframe of a running gear module for low-floor rail vehicles

Title (de)

Untergestell eines Fahrwerkmoduls für Niederflur-Schienenfahrzeuge

Title (fr)

Châssis d'un train de roulement pour véhicules ferroviaires à plancher surbaissé

Publication

EP 1686033 A3 20071024 (DE)

Application

EP 05113088 A 20051230

Priority

DE 102005003900 A 20050127

Abstract (en)

[origin: EP1686033A2] The underframe has a lower base plate (1), and side walls (2) that runs in a longitudinal direction of a vehicle and forms an housing for wheels of a running gear. The plate has a base plate part (1a) and two ramp plate parts (1b) adjacent to the part (1a). The side walls are connected to the base plate part and ramp plate parts. The side walls have a taper at its end section which is assigned to the parts (1a, 1b).

IPC 8 full level

B61F 3/16 (2006.01); **B61D 17/10** (2006.01); **B61F 5/52** (2006.01)

CPC (source: EP)

B61F 3/16 (2013.01); **B61F 5/52** (2013.01)

Citation (search report)

- [X] DE 20118583 U1 20030327 - SIEMENS AG [DE]
- [X] EP 1491418 A1 20041229 - SIEMENS AG [DE]
- [D] DE 29508462 U1 19960926 - DUEWAG AG [DE]
- [A] DE 19825858 A1 19991223 - ABB DAIMLER BENZ TRANSP [DE]
- [A] DE 1121641 B 19620111 - BUDD CO
- [A] FR 2604676 A1 19880408 - GUTEHOFFNUNGSHUETTE MAN [DE]
- [A] PUETTNER G: "DIE PROTOTYPEN DES VOEV-LEICHTBAU-NIEDERFLUR-STADTBAHNWAGENS", ZEITSCHRIFT FUR EISENBAHNWESEN UND VERKEHRSTECHNIK. DIE EISENBAHNTECHNIK + GLASERS ANNALEN, GEORG SIEMENS VERLAGSBUCHHANDLUNG. BERLIN, DE, vol. 115, no. 1 / 2, January 1991 (1991-01-01), pages 22 - 34,36, XP000201494, ISSN: 0941-0589

Cited by

EP3153377A1; DE102015219604A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1686033 A2 20060802; EP 1686033 A3 20071024; EP 1686033 B1 20120418; AT E553974 T1 20120515; DE 102005003900 A1 20060803

DOCDB simple family (application)

EP 05113088 A 20051230; AT 05113088 T 20051230; DE 102005003900 A 20050127