

Title (en)

Vehicle for carrying large number of passengers, in particular rail vehicle, with articulated bodies

Title (de)

Großräumiges Fahrzeug zur Personenbeförderung, insbesondere Schienenfahrzeug, mit gelenkig verbundenen Wagenkästen

Title (fr)

Véhicule pour transports en commun, en particulier véhicule ferroviaire, comportant des caisses articulées

Publication

EP 1647462 A1 20060419 (DE)

Application

EP 05108112 A 20050905

Priority

DE 102004050369 A 20041015

Abstract (en)

Spacious vehicle for transportation of passengers by joint connection of coupled bogies (1,2) wherein one joint with bogie moves in the transverse direction around vertical axle (5) while bogies are driven in the longitudinal direction. Fulcrum of upper spherical joint (6) and fulcrum of lower spherical joint (7) move around vertical axle.

IPC 8 full level

B61D 3/10 (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP)

B61D 3/10 (2013.01); **B61G 5/02** (2013.01)

Citation (applicant)

- DE 10139970 A1 20030227 - INA SCHAEFFLER KG [DE]
- DER NAHVERKEHR, no. 6, 1996, pages 48 - 53
- RAILWAY GAZETTE, 2003, pages 57 - 64

Citation (search report)

- [X] DE 1164246 B 19640227 - GAUBSCHAT FAHRZEUGWERKE G M B
- [PX] WO 2005037621 A1 20050428 - SIEMENS AG [DE], et al
- [A] DE 837393 C 19520428 - HENSCHEL & SOHN GMBH
- [A] FR 1543308 A 19681025 - CAREL FOUCHE ET CIE ETS
- [A] DE 1142894 B 19630131 - GOERLITZ WAGGONBAU VEB
- [A] EP 0728648 A1 19960828 - JENBACHER ENERGIESYSTEME AG [AT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06 3 June 2003 (2003-06-03)

Citation (third parties)

Third party :

DE 4446282 C1 19960404 - AEG SCHIENENFAHRZEUGE [DE]

Cited by

DE102014226695A1; CN107386020A; EP2695790A1; CN110077433A; DE102019109611A1; WO2017025381A1; DE102014212360A1; WO2015197543A1; WO2020208183A1; EP2543570B1

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

DOCDB simple family (publication)

EP 1647462 A1 20060419; EP 1647462 B1 20080227; AT E387363 T1 20080315; DE 102004050369 A1 20060420; DE 502005002965 D1 20080410; ES 2298945 T3 20080516; PT 1647462 E 20080430

DOCDB simple family (application)

EP 05108112 A 20050905; AT 05108112 T 20050905; DE 102004050369 A 20041015; DE 502005002965 T 20050905; ES 05108112 T 20050905; PT 05108112 T 20050905