

Title (en)
PASSENGER TRANSPORT VEHICLE

Title (de)
PERSONENTRANSPORTFAHRZEUG

Title (fr)
VÉHICULE DE TRANSPORT DE PERSONNES

Publication
EP 3248853 B1 20210324 (DE)

Application
EP 17172784 A 20170524

Priority
DE 102016109758 A 20160526

IPC 8 full level
B61D 1/06 (2006.01)

CPC (source: EP IL)
B61D 1/06 (2013.01 - EP IL); **B61D 17/10** (2013.01 - IL); **B61D 23/00** (2013.01 - IL)

Citation (opposition)

Opponent : Siemens Mobility GmbH,

- DE 102012008186 A1 20131031 - SIEMENS AG [DE]
- WO 2016139167 A1 20160909 - STADLER RAIL AG [CH]
- DE 4314405 A1 19941110 - GOERLITZ WAGGONBAU GMBH [DE]
- DE 4442368 A1 19960530 - WAGGONFABRIK TALBOT GMBH & CO [DE]
- DE 102013111420 A1 20150416 - DEUTSCHES ZENTRUM FUER LUFT & RAUMFAHRT EV [DE]
- DE 9421209 U1 19950907 - GOERLITZ WAGGONBAU GMBH [DE]
- DE 29507057 U1 19950706 - GOERLITZ WAGGONBAU GMBH [DE]
- DE 29512446 U1 19951005 - SCHILLING GERHARD [DE]
- ANONYMOUS DESIRO: "Desiro HC Clever kombiniert – für hohe Kapazität", SIEMENS.COM/MOBILITY, 1 January 2014 (2014-01-01), pages 1 - 20, XP055886092
- ANONYMOUS: "Viaggio Twin – emotion@rail Double-Deck Push/Pull Platform", SIEMENS.COM, 1 January 2012 (2012-01-01), pages 1 - 4, XP055886097, Retrieved from the Internet <URL:https://assets.new.siemens.com/siemens/assets/api/uuid:aa463aa5a466a190aaf5b102789cfd245a086211/sic_00010150.pdf> [retrieved on 20220201]

Opponent : Stadler Rail AG

- DE 29507057 U1 19950706 - GOERLITZ WAGGONBAU GMBH [DE]
- EP 0616935 A1 19940928 - JENBACHER TRANSPORTSYSTEME [AT]
- DE 9315830 U1 19931223 - MANN MICHAEL [DE], et al
- EP 0756980 A1 19970205 - SCHILLING GERHARD [DE]
- ANONYMOUS: "Neue Doppelstockfahrzeuge für die Züricher S-Bahn", EISENBAHN-REVUE 8-9/2008, vol. 8-9, 1 January 2008 (2008-01-01), pages 392 - 396, XP055888113
- ANONYMOUS: "59 Bombardier-Doppelstockzüge für die SBB", EISENBAHN-REVUE, 1 June 2010 (2010-06-01), pages 273 - 279, XP055667109
- ANONYMOUS: "Nach dem SBB-Entscheid zum Fernverkehrs-Doppelstockzug", EISENBAHN-REVUE 7/2010, vol. 7, 1 January 2010 (2010-01-01), pages 336 - 340, XP055888117
- WELTE HERBERT, ET AL: "Die Doppelstock-Triebzüge der Stadler Rail AG", EISENBAHN- REVUE 7/2010, 1 January 2010 (2010-01-01), pages 341 - 349, XP055888128
- "eingeschränkter mobiler Personen" im konventionellen transeuropäischen Eisenbahnsystem und im transeuropäischen Hochgeschwindigkeitsbahnsystem", TSI PRM 2008, 7 March 2008 (2008-03-07), pages 1 - 137
- BITTERBERGER ULRICH: "Neuartige Gepäckwagen für den IC-Verkehr", SCHWEIZER EISENBAHN-REVUE 9/1993, vol. 9, 1 January 1993 (1993-01-01), pages 412 - 415, XP055888140
- ANONYMOUS: "Die Westbahn zwei Jahre vor dem Start", EISENBAHN-REVUE 2/2010, vol. 2, 1 January 2010 (2010-01-01), pages 65 - 67, XP055888206
- KOBELT WOLF DIETER: "Neue Doppelstockwagen aus dem Waggonbau Görlitz", ZEV+DET GLASERS ANNALEN 117, vol. 117, 1 May 1993 (1993-05-01), pages 140 - 149, XP055888233

Cited by
CN111301443A; EP4360981A1; WO2023097828A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3248853 A1 20171129; EP 3248853 B1 20210324; DE 102016109758 A1 20171130; DE 202017007418 U1 20210429;
DE 202017007419 U1 20210429; EP 3868626 A1 20210825; EP 3868626 B1 20240501; IL 252537 A0 20170831; IL 252537 B 20220401;
PL 3248853 T3 20211108

DOCDB simple family (application)
EP 17172784 A 20170524; DE 102016109758 A 20160526; DE 202017007418 U 20170524; DE 202017007419 U 20170524;
EP 21162618 A 20170524; IL 25253717 A 20170526; PL 17172784 T 20170524