

Title (en)

MOTOR TRAIN SET HAVING DRIVEN BOGIES

Title (de)

TRIEBZUG MIT ANGETRIEBENEN DREHGESTELLEN

Title (fr)

TRAIN AUTOMOTEUR À BOGGIES ENTRAÎNÉS

Publication

**EP 3030469 B1 20191211 (DE)**

Application

**EP 14749837 A 20140808**

Priority

- DE 102013108588 A 20130808
- EP 2014067117 W 20140808

Abstract (en)

[origin: WO2015018934A1] A motor train set (100; 200) is described having at least two cars (110, 120, 130; 210, 220, 230) which are connected by way of a coupling and have in each case two bogies (111, 112; 121, 122; 131, 132; 211, 212; 221, 222; 231, 232). In the direction along the motor train set, the motor train set has a first bogie (111; 211) and a last bogie (132; 232), wherein all the bogies of the motor train set are driven with the exception of the first bogie (111; 211) and the last bogie (132; 232).

IPC 8 full level

**B61C 3/00** (2006.01)

CPC (source: EP)

**B61C 3/00** (2013.01)

Citation (opposition)

Opponent : Stadler Rail AG

- EP 0616935 A1 19940928 - JENBACHER TRANSPORTSYSTEME [AT]
- DE 7926648 U1 19800103
- EP 2181030 B1 20131023 - BOMBARDIER TRANSP GMBH [DE]
- WO 2013037608 A1 20130321 - SIEMENS AG [DE], et al
- EP 2189320 A1 20100526 - ALSTOM TRANSPORT SA [FR]
- EP 1393950 A2 20040303 - SIEMENS AG [DE]
- KOTTENHAHN VOLKER: "Der Dieseltriebzug VT 610, der " Deutsche Pendolino", SCHWEIZERISCHE EISENBAHNREVUE 1-2/1993, 1993, pages 27 - 38, XP055735932
- ANONYMOUS: "DB-Baureihe 610", WIKIPEDIA, 21 July 2013 (2013-07-21), pages 1 - 6, XP055735933
- ANONYMOUS: "Stadler landet in Afrika - 64 Flirt Triebzüge für die SNTF", EISENBAHNREVUE 6/2009, June 2009 (2009-06-01), pages 299 - 304, XP055735936
- GENSLER C.: "Antriebssteuerung und -regelung im dieselelektrischen Triebzug Baureihe 605", FAHRZEUGTECHNIK, October 2001 (2001-10-01), pages 422, XP001102839
- HEINZ R.: "Inter-City-T - Konzeption für die elektrischen Fernverkehrs-Triebwagen mit Neigetechnik der Deutschen Bahn", EISENBAHNREVUE INTERNATIONAL 7-8/1995, vol. 7, 1995, pages 277 - 283, XP055316193
- "Google Books", 2003, article BERND ENGLMEIER: "ICE und Transrapid - vergleichende Darstellung der beiden Hochgeschwindigkeitsbahnen: Historie, Technik, Zukunftschancen", pages: 36, XP055735958

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)

**WO 2015018934 A1 20150212**; DE 102013108588 A1 20150305; EP 3030469 A1 20160615; EP 3030469 B1 20191211

DOCDB simple family (application)

**EP 2014067117 W 20140808**; DE 102013108588 A 20130808; EP 14749837 A 20140808