

Title (en)  
Electric multiple unit and production method of the same

Title (de)  
Triebzug und Verfahren zu dessen Herstellung

Title (fr)  
Train automoteur électrique et procédé destiné à sa fabrication

Publication  
**EP 2221228 B2 20170208 (DE)**

Application  
**EP 10153699 A 20100216**

Priority  
DE 102009009116 A 20090216

Abstract (en)  
[origin: EP2221228A2] The set has a drive module (A) including an engine coach (3) and a power supplying coach (5) with a power supplying device (6) for supplying alternating current for a drive device (4) of the engine coach. The engine coach and the power supplying coach are detachably coupled with each other, and coaches (1) are firmly coupled to each other within the drive module that includes drive components (9, 10, 13). A user-defined long train with the coaches is formed from the drive module and non-driven additional coaches (7) by a coupling without any change and modification. An independent claim is also included for a method for manufacturing a train set.

IPC 8 full level  
**B61C 3/00** (2006.01); **B61C 17/04** (2006.01)

CPC (source: EP)  
**B61C 3/00** (2013.01)

Citation (opposition)  
Opponent :  
H. R. KURZ, DIPL.-ING.: "Inter-City-T - Konzeption für die elektrischen Fernverkehrs-Triebwagen mit Neigetechnik der Deutschen Bahn",  
EISENBAHN-REVUE INTERNATIONAL, vol. 7-8, 1995, pages 277 - 283

Cited by  
US9387863B2; CN102795230A; US2014338558A1; AU2012307703B2; WO2020182464A1; WO2013037608A1; EP2729341B1; EP3202633B1;  
EP2671748B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2221228 A2 20100825; EP 2221228 A3 20110824; EP 2221228 B1 20131113; EP 2221228 B2 20170208**; DE 102009009116 A1 20100826;  
DE 102009009116 B4 20210225

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