

Title (en)  
Process for making a sub-assembly of a railway vehicle for passenger transport

Title (de)  
Verfahren zur Herstellung einer Baugruppe eines Zuges für die Personenbeförderung

Title (fr)  
Procédé de fabrication d'un sous-ensemble de rame de transport de voyageurs

Publication  
**EP 1958844 A1 20080820 (FR)**

Application  
**EP 08101676 A 20080215**

Priority  
FR 0753310 A 20070216

Abstract (en)  
The method involves forming a sub-assembly (40) by connecting a case of a carried module (4) at an end in a rigid manner to a case of a carrier module (2). A control cabin (8) deprived of a guiding and support unit is connected in a rigid manner to another end of the case of another support module (2), where the support unit (22) is motorized. The sub-assembly is equipped with traction equipments that are adapted to produce and/or recuperate electrical energy. Independent claims are also included for the following: (1) a railway vehicle having a railway vehicle sub assembly (2) a family of railway vehicle sub-assembly.

Abstract (fr)  
Selon ce procédé, on forme un sous-ensemble de rame ferroviaire de transport de voyageurs, à partir de modules (2, 4) incluant au moins un module porteur (2) possédant une caisse et au moins une unité de support et de guidage de la caisse, et au moins un module porté (4) possédant une caisse et dépourvu d'unité de support et de guidage, Selon un aspect de l'invention, on forme le sous-ensemble en reliant la caisse d'un module porté (4), de façon rigide à la caisse d'un module porteur (2).

IPC 8 full level  
**B61D 1/00** (2006.01); **B61D 3/10** (2006.01)

CPC (source: EP)  
**B61D 1/00** (2013.01); **B61D 3/10** (2013.01); **B61D 17/045** (2013.01)

Citation (search report)  
• [X] EP 0616936 A1 19940928 - JENBACHER TRANSPORTSYSTEME [AT]  
• [X] DE 3023382 A1 19820107 - WIESER DR RUDOLF  
• [XA] FR 2874566 A1 20060303 - ALSTOM TRANSPORT SA [FR]  
• [XA] WO 9102674 A1 19910307 - SCHINDLER WAGGON AG [CH]

Cited by  
EP4155158A1; DE102018106961A1; EP2927086A1; CN101898562A; EP2335993A1; US10882539B2; EP3521128A1; FR3077259A1; EP3381760A1; FR3064577A1; RU2760803C2; WO2019170333A1; WO2009021831A1; DE102020216382A1; WO2022135880A1; EP2543570B1; EP2792568B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 08101676 A 20080215**; AT 08101676 T 20080215; ES 08101676 T 20080215; FR 0753310 A 20070216; ZA 200801586 A 20080218