

Title (en)

Railway vehicle comprising an end coach with an attached cabin

Title (de)

Schienenfahrzeug mit einem Endwagen mit vorgelagerter Fahrerkabine

Title (fr)

Véhicule ferroviaire comportant une voiture d'extrémité se prolongeant par une cabine

Publication

EP 1157912 A1 20011128 (FR)

Application

EP 01401236 A 20010514

Priority

FR 0006517 A 20000522

Abstract (en)

The structure of the cabin is supported by the bogie, and is connected to a control system which controls the cabin in an angular position with respect to the bogie. The control system ensures the rotation of the cabin towards the inside of the curve of the track, and is controlled by the movement of the adjacent carriage (2) with respect to the bogie. The railway vehicle (1) comprises an end carriage (2) which is extended by the addition of a cabin (3). The carriage (2) and the cabin (3) have separate structures but their adjacent ends are mounted to pivot on the same bogie (5). The structure of the cabin is supported by the bogie, and is connected to a control system which controls the cabin in an angular position with respect to the bogie. The control system ensures the rotation of the cabin towards the inside of the curve of the track, and is controlled by the movement of the adjacent carriage (2) with respect to the bogie. The cabin and adjacent carriage may be mounted to turn about a common axis on the bogie, and may be connected by a mechanical linkage to provide the appropriate angular adjustment as they follow a curve in the track.

IPC 1-7

B61D 13/00; **B61D 3/10**; **B61G 5/02**

IPC 8 full level

B61F 3/12 (2006.01); **B61D 3/10** (2006.01); **B61D 13/00** (2006.01); **B61F 5/38** (2006.01); **B61F 5/42** (2006.01); **B61F 5/48** (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP US)

B61D 3/10 (2013.01 - EP US); **B61D 13/00** (2013.01 - EP US); **B61G 5/02** (2013.01 - EP US)

Citation (search report)

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