

Title (en)

Connecting platform for railway vehicles.

Title (de)

Übergangsbrücke für Schienenfahrzeuge.

Title (fr)

Passerelle d'intercommunication pour des véhicules ferroviaires.

Publication

EP 0493818 B1 19941005 (DE)

Application

EP 91122317 A 19911227

Priority

DE 4042181 A 19901229

Abstract (en)

[origin: EP0493818A1] The subject of the invention is a connecting platform which is to be assigned to the end side of a railway wagon (1) as part of an intercommunicating device. A fork-shaped frame (1) is supported longitudinally displaceably, preferably via rollers, in the region of its rear crossbeam (6b) on a floor plate of the railway wagon (1) whilst in the region of the front free ends of the side beams (6a) it is suspended on the wagon end wall via means which support the bridge frame (6) and at the same time apply an outwardly directed prestressing force on said frame. In the region of the rear end of the bridge frame (6), a bridge platform structure is mounted on the latter so as to be capable of pivoting about a transverse axis. In the operating position of the bridge platform structure, a lower bridge plate (8) rests on the bridge frame (6) and is locked with respect to the latter, a seal (35) being located between bridge frame (6) and a lower bridge plate (8). An upper bridge plate (9) rests loosely on the lower bridge plate (8) and has centering means with which the upper bridge plate (9) is guided with respect to a second railway wagon which is coupled to the railway wagon (1) first mentioned, said railway wagon preferably having an intercommunicating device which is at least of the same kind. The lower bridge plate (8) is assigned an end-side seal (33) with respect to the second railway wagon, which seal is pivoted below the lower bridge plate (8) when the upper bridge plate (9) is pivoted upwards in front of the end side of the wagon. This pivoting movement of the upper bridge plate (9) takes place initially without influencing the lower bridge plate (8) and over its further pivot path the upper bridge plate (9) entrains the lower bridge plate (8), for which purpose the lock between the lower bridge plate (8) and bridge frame (6) has been released. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

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