Title (en)

COMMUNICATION PASSAGE BETWEEN RAIL VEHICLES

Publication

**EP 0330742 B1 19920520 (DE)**

Application

**EP 88119662 A 19881124**

Priority

DE 3807167 A 19880304

Abstract (en)

[origin: EP0330742A2] The subject of the invention is a communication device for railway carriages which consists of a communication gangway (5) and a communication protection device (36, 2, 3) arranged in a tunnel-like manner above the latter. The device is constructed in such a way that even in the case of extreme pressure differences between the outside and the inside the interior is well protected from exterior influences. The tunnel-shaped communication protection consists of an inner end frame (36) for attachment to one of two railway carriages which are to be coupled together, an outer end frame (3) for cooperating with the outer end frame of the communication device of the other of the two railway carriages to be coupled to one another and of an elastic element, in particular a bellows (2) between the two end frames (36, 3). The outer end frame (3) is suspended directly on one of the two railway carriages by means of springs (4a) which exert a force directed outwards onto the outer end frame (3). The communication gangway is constructed in two parts, of which an inner part (9) is attached to one of the railway carriages to be coupled to one another and the other outer part (6a) is displaceably supported at the rear end on the inner part, is connected to the front end with the outer end frame (3) and ends in the same vertical transverse plane as the outer end frame. The outer end frame is provided with a support face (4, 4b) so that, in the case of two railway carriages coupled to one another, the communication gangways and the communication protection devices of both communication devices rest against one another at the end sides and are held resting against one another by the springs (4a) so that no connecting means are required, but the connecting region between the two communication devices is nevertheless sealed even if admissible lateral displacements occur between the two communication devices. Communication protection device and gangway are sealed from one another. The outer end frame (3) is of tunnel-shaped construction and its relatively long side walls have flaps in the front lower region which close off openings into which the communication gangway of a second railway carriage coupled to the first railway carriage can dip when going round a bend if this gangway moves away from the gangway of the communication device in such a way that it dips into the communication device of the first railway carriage as a plate and rests on the communication gangway of said carriage. <IMAGE>

IPC 1-7

B61D 17/22

IPC 8 full level

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