Title (en)

Footplate apparatus for connecting pathway between vehicles.

Title (de)

Vorrichtung für die Bodenplatte für eine Übergangsbrücke zwischen Fahrzeugen.

Title (fr)

Dispositif pour le plancher de la passerelle de communication entre véhicules.

Publication

EP 0685375 A1 19951206 (EN)

Application

EP 95108525 A 19950602

Priority

JP 12103094 A 19940602

Abstract (en)

A footplate apparatus for a connecting pathway between railroad vehicles has the following structure to prevent a footplate from thrusting into the interior of a vehicle upon collision of the vehicles and causing secondary accidents to passengers: A first footplate 26 is provided on a first vehicle 20, and a second footplate 27 is provided on a second vehicle 21 or a free-end frame. The second footplate 27 is divided in the railroad direction into a base plate 28A and an extension plate 28B which are connected by connector means 40 in such a manner that the connection can be released by a force of not less than a predetermined value. The extension plate 28B includes an engaging member 39, and the first footplate 26 includes a pressing member 36, so that when the distance between the vehicles is abnormally decreased, the pressing member 36 presses against the engaging member 39 to release the connection formed by the connector means 40 and to move the extension plate 28B toward the base plate 28A. <IMAGE>

IPC 1-7

B61D 17/20

IPC 8 full level

B61D 17/20 (2006.01)

CPC (source: EP)

B61D 17/20 (2013.01)

Citation (search report)
- [A] DE 1248087 B 19670824 - MASCHF AUGSBURG NUERNBERG AG, et al
- [A] DE 518414 C 19310218 - JULIUS RONAI DIPL ING

Cited by

EP3939851A1; RU185367U1; GB2598541A; GB2598541B

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0685375 A1 19951206; **EP 0685375 B1 19980902**; DE 69504414 D1 19981008; DE 69504414 T2 19990520; JP 3225161 B2 20011105; JP H07323840 A 19951212

DOCDB simple family (application)

EP 95108525 A 19950602; DE 69504414 T 19950602; JP 12103094 A 19940602