Title (en)

Footplate of gangway and railway car

Title (de)

Übergangsplattform und Eisenbahnwagen

Title (fr)

Passerelle d'intercirculation et voiture ferroviaire

Publication

EP 1659045 A1 20060524 (EN)

Application

EP 05255222 A 20050825

Priority

JP 2004337333 A 20041122

Abstract (en)

The invention provides a thin footplate of superior quality while suppressing noise caused by the footplate. A footplate (10) is formed by connecting extruded shape members (110) arranged in parallel along the width direction (Y) of a railway car by a pipe (80), with the upper surface of the extruded shape members (110) used as the walking surface. Adjacent extruded shape members (110) contact each other via bushings (90). Both ends of the pipe (80) are pulled via draft springs (50) and (50) disposed in V-shape onto the underframe. A slip stopper (120) is adhered to the upper surface of the extruded shape members (110). Bottom surfaces of the extruded shape members contact the upper surface of the underframe via sliding members (70). When the railway car passes a curve or the like that causes relative displacement of the cars, the footplate (10) is slid easily. When one of the railway cars is subjected to rolling, each extruded shape member gradually rotates (rolls) along the width direction of the railway car so that crews and the like can easily walk on the footplate.

IPC 8 full level

B61D 17/20 (2006.01)

CPC (source: EP KR US)

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Citation (applicant)

- JP S5043848 Y2 19751215
- JP 3060367 B2 20000710

Citation (search report)

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- [Y] US 5596936 A 19970128 - BULLOCK ROBERT L [US], et al
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AT13451U1; ES2319084A1

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