

Title (en)
Panel device for railway rolling stock

Title (de)
Paneel für Schienenfahrzeuge

Title (fr)
Panneau pour véhicules ferroviaires

Publication
EP 1559624 A1 20050803 (EN)

Application
EP 05001719 A 20050127

Priority
JP 2004019448 A 20040128

Abstract (en)
In a panel constituting an interconnection passage in railway rolling stock, in order that a passenger can not open the panel by his or her hand by a constitution in which the structure is simple and the maintenance operation management is easy, there are provided, on a side portion of an interconnection passage (5), a supporting panel (14, 14a) provided on each of coupled cars (1, 1a), so as to be horizontally rotatable with a center of rotation (21, 21a) being on a car end face (2, 2a) side; a vertical bearing (27, 27a) provided on an end portion of the supporting panel (14, 14a); a side panel (8, 8a) provided on an interconnection passage (5) side of the supporting panel; a rail (34, 34a) provided horizontally on the side panel; a slider (36, 36a) provided slideably on the rail; a guide shaft (40, 40a) provided vertically on the slider and inserted slideably in the bearing; an extensible sheet (70, 70a) stretched between the side panel and a car end face; and a balancer (17, 17a) extended between the side panel and the car end face to hang the side panel in the middle in a passage direction. <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 (applicant)
JP 2002347614 A 20021204 - NARITA MFG LTD

Citation (search report)
• [A] US 4736688 A 19880412 - ANDO ROKURO [JP], et al
• [A] US 4252065 A 19810224 - BICKEL HANS, et al
• [A] DE 3639898 A1 19880601 - DUEWAG AG [DE]

Cited by
CN106428062A; CN107399335A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1559624 A1 20050803; EP 1559624 B1 20080827; CN 100413742 C 20080827; CN 1666913 A 20050914; DE 602005009266 D1 20081009; JP 2005212540 A 20050811; JP 4188852 B2 20081203

DOCDB simple family (application)
EP 05001719 A 20050127; CN 200510006866 A 20050128; DE 602005009266 T 20050127; JP 2004019448 A 20040128