

Title (en)
Entry device for doubledeck coaches

Title (de)
Einstiegseinrichtung für Doppelstock-Eisenbahnwagen

Title (fr)
Dispositif d'accès pour voitures à étage

Publication
EP 0625457 B1 19971015 (DE)

Application
EP 93117787 A 19931103

Priority
• EP 93117787 A 19931103
• EP 93107978 A 19930517

Abstract (en)
[origin: EP0625457A1] Device in the entry area of a double-deck railway coach with lower deck and upper deck, which device has on each side of the coach entry doors which permit access to an entry space (2), with a compartment door (6) for the lower-deck passenger space and access stairs (4) to the upper deck. An entry space (2) behind the entry doors (5) has the entire inner spatial height of a double-deck railway coach (1) and is crossed in the longitudinal direction of the coach by a web (3) which runs at the height of the upper deck. Stairs (4) which take up half the width of the coach lead to the upper deck (7). Corner-shaped recesses in the longitudinal direction of the coach increase the entry space (2). The side wall balustrades of the web (3) can be constructed as information displays and/or advertising panels, if required as back-lit transparent advertising. The entry height to the entry space (2) is greater than the spatial height of the lower deck. Upper-deck coach windows in the area of the entry space (2) allow additional daylight to enter. In a further variant, two sets of access stairs (4) located diagonally opposite one another are present and the web (3) which crosses the entry space (2) extends diagonally with respect to the longitudinal axis of the coach. In addition, the entry door (5) can have two door wings which are of different widths and can be actuated separately. <IMAGE>

IPC 1-7
B61D 1/06

IPC 8 full level
B61D 1/06 (2006.01); **B61D 1/00** (2006.01)

IPC 8 main group level
B61D (2006.01)

CPC (source: EP)
B61D 1/06 (2013.01)

Cited by
US11608090B2; KR20160076833A; CN107380179A; EP0888945A1; CN107776592A; EP4303091A1; RU2723194C1; AU2017319882B2; EP1466801A1; FR2853611A1; KR20160076818A; KR20160017471A; FR3032931A1; CN107776594A; EP0760321A1; FR2738208A1; US5644989A; EP2060470A3; US7178466B2; CN107792095A; EP3385139A1; FR3063961A1; EP3722178A1; FR3094943A1; US10967885B2; WO2018041052A1; WO03055729A1; EP3587212A1; CN110626373A; FR3082815A1; EP3453585A1; FR3070952A1; EP4197876A1; FR3130241A1; US11772686B2; EP3225493B1

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EP 93117787 A 19931103; AT 93117787 T 19931103; CZ 107494 A 19940503; DE 59307553 T 19931103; DK 93117787 T 19931103; ES 93117787 T 19931103; FI 942264 A 19940516; NO 941831 A 19940516