Title (en)

Platform door control apparatus

Title (de)

Vorrichtung zur Steuerung von Bahnsteigtüren

Title (fr)

Dispositif de commande de portes d'un quai

Publication

EP 2070800 B1 20161123 (EN)

Application

EP 09004156 A 20030729

Priority

- EP 03254753 A 20030729
- JP 2002222557 A 20020731

Abstract (en)

[origin: EP1386813A1] A platform door control apparatus that enables installation of platform doors even though the number, location, and width dimensions of train doors of trains are different. In Fig. 2, when train 201 arrives at a platform, at platform door a an opening part a is in a fully open state; at platform door b, gate Rb and gate Lb of opening part b are in a fully closed state; at platform door c opening part c is in a fully open state; at platform door d, gate Rd and gate Ld of opening part d are in a fully closed state; and at platform door e opening part e is in a fully open state. These data are registered in advance as command values in respective individual control apparatus a to e, and further, a moving distance for opening and closing of the gates of each platform door is determined beforehand in accordance with the formation information of each train. Then, when an "OPEN" command is transmitted from the train to the platform doors, the formation information of the train is also transmitted to each individual control apparatus to change the moving distance for opening and closing of gates at each platform door. <IMAGE>

IPC 8 full level

B61B 1/02 (2006.01); **E01F 1/00** (2006.01); **B61L 27/00** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

B61B 1/02 (2013.01); **B61L 27/00** (2013.01); E05Y 2900/402 (2013.01); E05Y 2900/404 (2013.01)

Cited by

CN114435431A; CN106545264A; US2015040480A1; US9266538B2; CN113284363A; EP3225499A1; FR3049555A1

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