

Title (en)

Swinging and sliding door for vehicles, particularly for public transport vehicles

Title (de)

Ausschwenkbare Schiebetür für Fahrzeuge, insbesondere Fahrzeuge des öffentlichen Personenverkehrs

Title (fr)

Porte coulissante pivotante pour véhicule, en particulier pour véhicule de transport en commun

Publication

EP 0589180 B1 19960207 (DE)

Application

EP 93112099 A 19930729

Priority

DE 4230867 A 19920916

Abstract (en)

[origin: EP0589180A1] A swing-out sliding door for vehicles, particularly for public passenger transport vehicles. A horizontally extending running rail (4), into which a roller guide (5) engages, is arranged on the inside of the door wing (2) essentially in the region of the horizontal centre. The roller guide (5) is supported in a mounting (6) which is connected firmly to the vehicle body. During the opening movement of the door, the door wing (2) placed as a "cover" onto the door frame (1) is first guided outwards in a first movement step (Ö1), in order then to be displaced laterally on the roller guide (5) in a second movement step. The elastically designed door wing (2) is pretensioned in such a way that, when the side edges of the door wing are placed onto the counterfaces of the door frame (1), the pretensioning force generates a pressing force which ensures that the door is closed all round. <IMAGE>

IPC 1-7

E05D 15/10; **E05F 15/14**; **E06B 3/80**

IPC 8 full level

E05D 15/10 (2006.01); **E05F 15/60** (2015.01)

CPC (source: EP US)

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Cited by

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