

Title (en)
INTERLOCK FOR SWING-OUT DOOR

Title (de)
VERRIEGELUNG FÜR AUSSENSCHWINGTÜR

Title (fr)
VERROUILLAGE POUR PORTE PIVOTANTE EXTÉRIEURE

Publication
EP 2268526 A1 20110105 (DE)

Application
EP 09727371 A 20090331

Priority
• EP 2009053785 W 20090331
• DE 202008004518 U 20080401

Abstract (en)
[origin: WO2009121864A1] The invention relates to a door system for a public transit vehicle, comprising a door (2) and a door portal (1), wherein the door (2) is moved substantially parallel to the exterior vehicle wall when the door is opened and closed and wherein the door (2) comprises a vertical main closing edge (31) in front in the direction of closing, said edge abutting a main portal edge (32) running vertically in the door portal (1) in the closed position of the door (2), and a secondary closing edge (33) behind in the direction of closing, said secondary closing edge abutting a secondary portal edge (34) running vertically in the door portal (1) in the closed position of the door (2). The main closing edge (31) moves along an s-shaped path of motion (10) when opening and closing takes place and the secondary closing edge (33) moves along a circular path of motion (10). At least one locking bolt (4) is provided at the main closing edge (31), said locking bolt engaging into a counter support (3) located at the main portal edge (32). At least one first closure element (36) is located at the secondary closure edge (33), said first closure element cooperating with a second closure element (38) located at the secondary portal edge (34) and sealing the door (2).

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2009121864A1

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