

Title (en)

MECHANISM FOR OPENING A DOOR, IN PARTICULAR FOR PUBLIC TRANSPORT VEHICLES

Title (de)

TÜRÖFFNUNGSVORRICHTUNG, INSBESONDERE FÜR ÖFFENTLICHE VERKEHRSMITTEL

Title (fr)

MECANISME D'OUVERTURE DE PORTE, EN PARTICULIER POUR VEHICULES DE TRANSPORT PUBLIC

Publication

EP 3561208 B1 20210407 (EN)

Application

EP 19171268 A 20190426

Priority

IT 201800004896 A 20180426

Abstract (en)

[origin: EP3561208A1] A door opening mechanism (8), in particular for public transport vehicles, has a supporting structure (8a), a support member (20) for carrying a leaf (6) of a door and coupling means (13, 11, 22) that couple the support member (20) to the supporting structure (8a) so that the support member (20) is movable parallel to a horizontal plane defined by a first and a second axis (X, Z); the mechanism (8) further has a guide (23) to guide the support member (20) along a trajectory (24) on the plane, a slider (34) movable along the first axis (X) between a first and a second end-of-stroke position and transmission means (36; 36') that couple the slider (34) to the support member (20) and comprise a follower (46; 46') and a cam (37; 37'); the cam is engaged by the follower (46; 46') and is shaped to prevent the slider (34) from translating towards the second end-of-stroke position when this latter is arranged in the first end-of-stroke position and the support member (20) receives a force along the second axis (Z).

IPC 8 full level

E05D 15/10 (2006.01); **E05F 15/646** (2015.01); **E05F 15/655** (2015.01)

CPC (source: EP)

E05D 15/1068 (2013.01); **E05F 15/646** (2015.01); **E05F 15/655** (2015.01); **E05D 2015/1071** (2013.01); **E05F 15/565** (2015.01); **E05F 15/632** (2015.01); **E05Y 2201/22** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2800/266** (2013.01); **E05Y 2900/51** (2013.01)

Cited by

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