

Title (en)

SLIDING DOOR ROLLER FITTING AND ASSOCIATED SLIDING DOOR ARRANGEMENT

Title (de)

SCHIEBETÜRROLLENBESCHLAG UND ZUGEHÖRIGE SCHIEBETÜRENANORDNUNG

Title (fr)

FERRURE ROULANTE DE PORTE COULISSANTE ET AGENCEMENT DE PORTE COULISSANTE ASSOCIÉ

Publication

**EP 4174268 B1 20240131 (DE)**

Application

**EP 22191973 A 20220824**

Priority

EP 21205101 A 20211027

Abstract (en)

[origin: US2023129566A1] A sliding door roller fitting includes a tilting lever having a long and short arm angled thereto. The long arm has a freely rotatably mounted running roller which projects beyond the long arm to roll along a running rail. The short arm has an outwardly curved outer side facing away from the running roller. The tilting lever is held on a sliding door-side bearing body and is tiltable between two end positions about a tilting axis parallel to a running roller tangent. The bearing body has at least one planar bearing surface which extends horizontally in the setting-out direction in the mounting position of the bearing body. The short arm of the tilting lever bears by its curved outer side against the bearing surface and rolls thereon during tilting of the tilting lever. The bearing body has two driving stops between which the tilting lever is arranged.

IPC 8 full level

**E05D 5/10** (2006.01)

CPC (source: EP US)

**E05D 5/10** (2013.01 - EP); **E05D 15/10** (2013.01 - US); **E05D 15/581** (2013.01 - US); **E05D 2015/1028** (2013.01 - EP US); **E05Y 2201/626** (2013.01 - EP); **E05Y 2201/638** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4174267 A1 20230503**; EP 4174268 A1 20230503; EP 4174268 B1 20240131; US 11965368 B2 20240423; US 2023129566 A1 20230427

DOCDB simple family (application)

**EP 21205101 A 20211027**; EP 22191973 A 20220824; US 202217930387 A 20220907