

Title (en)
SLIDING DOOR HINGE

Title (de)
SCHIEBETÜRSCHARNIER

Title (fr)
CHARNIÈRE DE PORTE COULISSANTE

Publication
EP 3656957 A1 20200527 (EN)

Application
EP 18207554 A 20181121

Priority
EP 18207554 A 20181121

Abstract (en)
A hinge (1) for a sliding vehicle door (2), wherein the hinge has a first end (3) for being connected to the body side and a second end (4) for being connected to the door (2). The first end (3) has a pivot point and the second end (4) has a pivot point (5). The pivot point (5) of the second end (4) comprises a running element (6) for running along a rail (7) and wherein the second end (4) further comprises a second running element (8) arranged at a distance from the running element (6) of the pivot point (5). The pivot point of the first end (3), the pivot point (5) of the second end (4) and the second running element (8) form a triangle. In use upon turning the hinge (1) about the second end pivot point (5) the second running element (8) engages with the rail (7) such that the second running element (8) will run along the rail (7) at a distance from the running element (6) of the pivot point (5) upon sliding the vehicle door.

IPC 8 full level
E05D 15/10 (2006.01)

CPC (source: EP)
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Citation (search report)
• [X] US 2007085374 A1 20070419 - MATHER CARL [US], et al
• [X] US 4068407 A 19780117 - PODOLAN EDWARD G, et al
• [X] EP 1255014 A1 20021106 - PEUGEOT CITROEN AUTOMOBILES SA [FR]

Cited by
FR3121426A1

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

Designated extension state (EPC)
BA ME

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