

Title (en)
Sliding doors with actuation mechanism thereof

Title (de)
Schiebetüren mit Betätigungsmechanismus

Title (fr)
Portes coulissantes avec mecanisme de commande

Publication
EP 1574652 A1 20050914 (EN)

Application
EP 02796794 A 20021216

Priority
ES 0200601 W 20021216

Abstract (en)
Applicable to public vehicles for passenger transport, fitted with sliding doors (1) displaceable parallel to the bodywork (2) of the vehicle, on the outside of this latter, and insertable into the door hollow (3) in the closed position; doors associated with supports (5) moveable on a main guide (6) and activated by a belt (7) activated by driving element (9); on each one of the two sections of the belt (7) respective runners (12) are fixed to which twin angular "L"-shaped connecting-rods (10) are articulately attached, at their apex, each one of which is articulately joined at the free end of its longest branch to the corresponding support (5); whereas at its other end it incorporates a large teat or roller (14), moveable on an auxiliary guide (16) with a bend in his internal end, so that these connecting-rods (10) maintain their longest branch perpendicular to the doors (1) during the main part of the run of these latter parallel to the bodywork (2) of the vehicle; and they swivel inwards bringing-about the emplacement of said doors (1), when they reach the oblique section of the auxiliary guides. <IMAGE>

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IPC 8 full level
E05D 15/10 (2006.01); **E05F 15/14** (2006.01)

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Citation (search report)
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CN103003125A; AT521810A1; AT521810B1; EP2362046A1; WO2013139873A1; WO2012007417A1

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