Title (en)
Rail system for elevator sliding doors

Title (de)
Schienensystem für Aufzugschiebetüren

Title (fr)
Système de rails pour portes coulissantes d'ascenseurs

Publication
EP 2698334 A3 20140305 (DE)

Application
EP 13180281 A 20130813

Priority
DE 202012103068 U 20120814

Abstract (en)
[origin: CN103588071A] The invention provides an elevator-door rail system (1), formed by at least two rails (25) which are juxtaposed relative to the start/stop direction and are connected via multiple connecting pieces (2), and at least two movable racks (5, 6) which are guided and moved on the rails. The inner movable rack is guided and moved on a smaller movable roller (7). The diameter of the smaller movable roller is smaller than that of a larger movable roller (8) which is used for guiding and moving the outer movable rack (6). At least one connecting piece (2) is accommodated in the space above the smaller movable roller (7) and is such arranged that the smaller movable roller (7) rolls below or passes by the connecting piece (2) when movement stats or stops while a side surface of the larger movable roller (8) passes by the connecting piece (2).

IPC 8 full level
B66B 13/08 (2006.01); **B66B 13/30** (2006.01)

CPC (source: EP RU)
B66B 13/08 (2013.01 - EP); **B66B 13/30** (2013.01 - EP); B66B 13/30 (2013.01 - RU)

Citation (search report)
- [AD] GB 738846 A 19551019 - EXPRESS LIFT CO LTD, et al
- [X] KOELBEL PRAEZISIONSDREHEREI: "Abstandsbolzen und Distanzhuelsen", 11 June 2012 (2012-06-11), XP002718943, Retrieved from the Internet <URL:http://www.koelbel.net/produktkatalog/lieferprogramm_koelbel.pdf> [retrieved on 20140120]

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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

DOCDB simple family (publication)
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EP 2698334 A3 20140305; EP 2698334 B1 20151230; ES 2566112 T3 20160411; RU 2013135644 A 20150210; RU 2623278 C2 20170623

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DE 202012103068 U 20120814; CN 201310353838 A 20130814; EP 13180281 A 20130813; ES 13180281 T 20130813;
RU 2013135644 A 20130730