

Title (en)
ARRANGEMENT FOR TRANSFER OF A TROLLEY BETWEEN SUSPENDED RAILS AND SUSPENDED RAIL SYSTEM COMPRISING SUCH AN ARRANGEMENT

Title (de)
ANORDNUNG ZUM TRANSFER EINES WAGENS ZWISCHEN HÄNGESCHIENEN UND HÄNGESCHIENENSYSTEM MIT EINER DERARTIGEN ANORDNUNG

Title (fr)
AGENCEMENT DE TRANSFERT D'UN CHARIOT ENTRE DES RAILS SUSPENDUS ET SYSTÈME DE RAILS SUSPENDUS COMPRENANT UN TEL AGENCEMENT

Publication
EP 2814443 A4 20150916 (EN)

Application
EP 13749670 A 20130215

Priority

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- SE 2013050131 W 20130215

Abstract (en)
 [origin: WO2013122538A1] An arrangement for safe transition of a trolley between a first and a second suspended rail (1, 2) when they are in an end-to-end position with each other, and for safe operation of the trolley when the rails are in un-aligned positions relative each other. The arrangement comprises a liftable first stop member (7), a liftable second stop member (8) and two pairs of engaging members. The liftable stop members (7, 8) are adapted to block the trolley from accidentally leaving the rails (1, 2) when the rails are in the un-aligned positions, and to unblock the rails when the rails are in the end-to-end position. The engaging members of the pairs of engaging members are arranged to engage with each other when the rails (1, 2) are in the end-to-end position to lift the stop members, thereby unblocking the rails in order to allow a transition between the rails.

IPC 8 full level
A61G 7/10 (2006.01); **B61J 1/00** (2006.01); **B66C 7/14** (2006.01)

CPC (source: EP US)
A61G 7/1042 (2013.01 - EP US); **B61J 1/00** (2013.01 - US); **B66C 7/14** (2013.01 - EP US)

Citation (search report)

- [XY] GB 703061 A 19540127 - CLARKE ELLARD ENGINEERING COMP, et al
- [X] GB 707431 A 19540414 - CLARKE ELLARD ENGINEERING COMP, et al
- [X] GB 711857 A 19540714 - CLARKE ELLARD ENGINEERING COMP, et al
- [YDA] "Product Ceiling Lifts 2-13 Tracks and Accessories 14-19 Free Standing Systems 20-23 Floor Lifts 24-29 Slings 30-43 Transfer Aids 44-52 Specifications 53-72", 4 February 2010 (2010-02-04), XP055207046, Retrieved from the Internet <URL:http://www.prismmedical.ca/cmss_files/attachmentlibrary/Prism-Medical-Canada-Planning-Guide.pdf> [retrieved on 20150810]
- See references of WO 2013122538A1

Designated contracting state (EPC)
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DOCDB simple family (application)
SE 2013050131 W 20130215; EP 13749670 A 20130215; JP 2014557601 A 20130215; US 201314378536 A 20130215