

Title (en)

MECHANICAL CHAIRLIFT SEAT AND INSTALLATION EQUIPPED WITH THIS SEAT

Title (de)

MECHANISCHER SESSELLIFTSITZ UND ANLAGE MIT DIESEM SITZ

Title (fr)

SIÈGE DE REMONTÉE MÉCANIQUE ET INSTALLATION ÉQUIPÉE DE CE SIÈGE

Publication

**EP 2864173 A1 20150429 (FR)**

Application

**EP 13733397 A 20130613**

Priority

- FR 1255787 A 20120620
- FR 2013051381 W 20130613

Abstract (en)

[origin: WO2013190220A1] This seat (1) comprises a guard-rail (10) able to occupy a lowered first extreme position and a raised second extreme position, and means for locking the guard rail (10) when it is in a lowered position. The locking means comprise a bistable electromagnet (12) provided with a rod (14) that is able to move between a stable first position in which the rod (14) allows the guard rail (10) to lock in the lowered position by interposing an obstacle in the upward path described by a guard rail element (17) to pass from the lowered position to the raised position, and a stable second position in which the rod (14) allows the guard rail (10) to unlock so that it can be moved into the raised position by moving the obstacle away from the upward path described by the guard rail element (17).

IPC 8 full level

**B61B 12/06** (2006.01)

CPC (source: CN EP KR RU US)

**B61B 11/00** (2013.01 - KR); **B61B 12/00** (2013.01 - KR); **B61B 12/002** (2013.01 - KR US); **B61B 12/06** (2013.01 - CN EP US);  
**E05B 47/0002** (2013.01 - US); **B61B 12/06** (2013.01 - RU)

Citation (search report)

See references of WO 2013190220A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 2992276 A1 20131227; FR 2992276 B1 20140718**; CA 2876058 A1 20131227; CA 2876058 C 20200107; CN 104395171 A 20150304; CN 104395171 B 20170315; EP 2864173 A1 20150429; EP 2864173 B1 20160518; ES 2586566 T3 20161017; JP 2015525172 A 20150903; JP 6240670 B2 20171129; KR 102098667 B1 20200408; KR 20150023431 A 20150305; RU 2014150691 A 20160810; RU 2623286 C2 20170623; UA 110185 C2 20151125; US 2015197256 A1 20150716; US 9701320 B2 20170711; WO 2013190220 A1 20131227

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**FR 1255787 A 20120620**; CA 2876058 A 20130613; CN 201380032514 A 20130613; EP 13733397 A 20130613; ES 13733397 T 20130613; FR 2013051381 W 20130613; JP 2015517824 A 20130613; KR 20147035846 A 20130613; RU 2014150691 A 20130613; UA A201413546 A 20130613; US 201314408449 A 20130613