

Title (en)

Rail pull-out device and oven muffle with such a rail pull-out device

Title (de)

Schienenauszugsvorrichtung und Ofenmuffel mit einer derartigen Schienenauszugsvorrichtung

Title (fr)

Dispositif d'extraction de rails et moufle pour un four doté d'un tel dispositif d'extraction de rails

Publication

EP 1970633 A3 20110323 (DE)

Application

EP 08102219 A 20080303

Priority

DE 102007012346 A 20070314

Abstract (en)

[origin: EP1970633A2] The rail extension device (4,5) has a rail that is moved relative to another rail and has a magnet arrangement for fixing end position of the former rail relative to the latter rail. One end of the latter rail is assigned a magnet of one polarity and another magnet of another polarity is arranged on a rear end of the former rail. The magnet of the former rail hangs in contactless manner from the fixed end position opposite to the magnet of the latter rail.

IPC 8 full level

F24C 15/16 (2006.01)

CPC (source: EP)

F24C 15/168 (2013.01)

Citation (search report)

- [XD] DE 202004019219 U1 20050210 - HETTICH HEINZE GMBH & CO KG [DE]
- [XA] JP 2006308253 A 20061109 - MATSUSHITA ELECTRIC IND CO LTD
- [X] GB 2237501 A 19910508 - TOSHIBA KK [JP], et al
- [A] JP 2001263677 A 20010926 - MATSUSHITA ELECTRIC IND CO LTD

Cited by

ITTO20130731A1; US9010314B2; WO2015033298A1; WO2010102949A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08102219 A 20080303; DE 102007012346 A 20070314