

Title (en)

Floating door construction making use of a magnetic field

Title (de)

Schwebetür unter Verwendung eines magnetischen Feldes

Title (fr)

Porte flottante utilisant un champ magnétique

Publication

**EP 1705326 A3 20080625 (EN)**

Application

**EP 06075648 A 20060321**

Priority

NL 1028583 A 20050321

Abstract (en)

[origin: EP1705326A2] The present invention relates to a device for opening and closing a passage in a wall, comprising: -a frame with a groove arranged therein; -a door element arranged slidably in the frame; -permanent magnets arranged on or close to the upper edge of the door element; -one or more wheels which are mounted on the door element and which run in the groove during sliding of the door element; and -a ferromagnetic member arranged between the magnets and the upper edge of the door element.

IPC 8 full level

**E05D 15/06** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] EP 0241063 A1 19871014 - KONINGS BERNADETTE CLAZINA ANN
- [X] EP 1122391 A2 20010808 - TOYOTA AUTO BODY CO LTD [JP]

Cited by

NL1035273C2; CN109555399A; EP1916370A1; AU2007221866B2; US8607504B2; WO2009126026A1; KR101379145B1

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Designated extension state (EPC)

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