

Title (en)

Child safety barrier with magnetic latching

Title (de)

Sicherheitsschranke mit magnetischer Verriegelung für Kinder

Title (fr)

Barrière de sécurité pour enfant à verrouillage magnétique

Publication

EP 2913472 B1 20170405 (FR)

Application

EP 15156241 A 20150224

Priority

- FR 1451649 A 20140228
- FR 1452676 A 20140327

Abstract (en)

[origin: CN204163505U] The utility model relates to a magnetic locking child safety fence which is composed of a frame and an automatic door (2). The door is provided with a locking device which can open or close the door. A movable locking claw (34) is arranged on the portion, between the retracting position (opening position) and the extension position (closing position), of the locking device. At the extension position, the locking device and a locking groove (35) in the frame act on each other, and when the door is closed, the locking device is inserted into the frame. According to the magnetic locking child safety fence, the locking device is provided with a magnet (32) which can make the locking claw keep at the retracting position when the fence door is opened. A second magnet (33) with more powerful magnetism is installed on the frame and arranged close to the locking groove, and when the locking claw is close to the locking groove, the second magnet can make the locking claw transit to the extension position from the retracting position.

IPC 8 full level

E06B 9/04 (2006.01)

CPC (source: EP)

E06B 9/04 (2013.01); **E06B 2009/002** (2013.01)

Cited by

US11859443B1; US10641021B2; US10662686B2; US11585132B2

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