

Title (en)  
BISTABLE MAGNETIC FASTENING DEVICE

Title (de)  
BISTABILE MAGNETISCHE FIXIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE FIXATION MAGNETIQUE BISTABLE

Publication  
**EP 2283494 A1 20110216 (FR)**

Application  
**EP 09753844 A 20090525**

Priority  
• EP 2009056276 W 20090525  
• FR 0853440 A 20080527

Abstract (en)  
[origin: WO2009144189A1] The invention relates to a bistable magnetic fastening device that comprises: a non-magnetic bearing housing (250) in the form of a duct having a rectangular cross-section; a magnetic circuit including a base and three pins perpendicular to said base (222), the two outer pins (230) and the base (222) defining a U; a permanent magnet (213) in the form of a rod provided between the base (222) and the central pin (275); a coil (214) surrounding the central pin (275); a mobile planar part (221); return and guiding means connected to the inner side walls of the bearing in order to return the magnetic circuit towards the upper portion of the bearing housing.

IPC 8 full level  
**H01F 7/02** (2006.01); **H01F 7/04** (2006.01)

CPC (source: EP US)  
**A61F 5/3761** (2013.01 - EP US); **H01F 7/04** (2013.01 - EP US); **H01F 7/081** (2013.01 - EP US); **H01F 7/1646** (2013.01 - EP US); **H01F 2007/1669** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009144189A1

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DOCDB simple family (publication)  
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