

Title (en)

MAGNETIC CATCH

Title (de)

MAGNETHALTEVORRICHTUNG

Title (fr)

DISPOSITIF DE MAINTIEN MAGNETIQUE

Publication

EP 1859457 A1 20071128 (DE)

Application

EP 06722575 A 20060309

Priority

- DE 2006000418 W 20060309
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Abstract (en)

[origin: WO2006094491A1] The invention relates to a universally-applicable, detachable magnetic catch, suitable, for example, for the closing and opening of containers for fixing or releasing an object, whereby each magnet (3a, 3b, 4a, 4b, 16, 19, 21) is held with a positive fit in the recess (15, 18, 21) of a holder (11, 12, 14, 17, 20). One of said holders may be displaced by means of an operating device (5, 13) such that the magnetic poles of the magnets oppose each other to be either attracting or repelling. Each magnet has an upper side, an underside, parallel to the above and a circumferential surface at an angle of 90° to the upper and underside. The upperside and the underside of the magnet are a non-symmetrical planar surface and the recess of the holder has a horizontal cross-sectional surface, identical to the non-symmetrical form of the upperside and the underside such that the magnet may only be introduced into the corresponding recess with the poles in a functional alignment.

IPC 8 full level

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CPC (source: EP US)

H01F 7/0263 (2013.01 - EP US); **H01F 7/04** (2013.01 - EP US); **Y10T 292/11** (2015.04 - EP US)

Citation (search report)

See references of WO 2006094491A1

Cited by

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DOCDB simple family (publication)

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