

Title (en)

Magnetic clamp with interrupted flow guide elements

Title (de)

Haftmagnet mit durchbrochenen Flussführungselementen

Title (fr)

Aimant adhérent doté d'éléments de guidage de flux ajourés

Publication

**EP 2061044 A3 20130123 (DE)**

Application

**EP 08009214 A 20080520**

Priority

DE 102007055339 A 20071119

Abstract (en)

[origin: EP2061044A2] The electromagnet has a coil (1) and an inference element (2), where the coil is assigned an outlet area (3). Magnetic field lines pass through the outlet area to switch-over with an anchor element (4). The outlet area is assigned a current conducting element (5), where detention-strength increasing recesses (6) are provided. The coil is surrounded by a plastic sheath. The anchor element is made of magnetizable elastomer.

IPC 8 full level

**H01F 7/00** (2006.01); **H01F 7/20** (2006.01)

CPC (source: EP)

**H01F 7/081** (2013.01); **H01F 7/20** (2013.01)

Citation (search report)

- [X] US 2275839 A 19420310 - BOEHNE EUGENE W
- [X] DE 102004037430 A1 20060323 - ETO MAGNETIC KG [DE]
- [A] DE 19645375 A1 19980430 - I S I S INGENIEUR SEMINAR FUER [DE]
- [A] DE 102005051798 A1 20070503 - ETO MAGNETIC KG [DE]

Cited by

WO2012101004A3

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)

**EP 2061044 A2 20090520; EP 2061044 A3 20130123**; DE 102007055339 A1 20090604; DE 102007055339 B4 20150521

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**EP 08009214 A 20080520**; DE 102007055339 A 20071119