

## Title (en)

Electromagnetic locking device with linear support

## Title (de)

Elektromagnetische Verriegelungsvorrichtung mit linearer Auflage

## Title (fr)

Dispositif de verrouillage électromagnétique à appui linéique

## Publication

**EP 2589733 A1 20130508 (FR)**

## Application

**EP 12191173 A 20121102**

## Priority

FR 1159973 A 20111103

## Abstract (en)

The device (1) has a main part (2) comprising a releasable locking unit (12). The locking unit is selectively retained or released with a movement in a first direction (II-II) by an electromagnetic retaining unit (6). A mechanical retaining unit (7) is slidably mounted in a second direction (III-III). A locking nose (11) and a retaining recess (5) are arranged into contact with each another by a linear bearing. The linear bearing is extended over a third direction in which a plane is defined by the second direction and by a longitudinal axis.

## Abstract (fr)

Dispositif de verrouillage (1) électromagnétique, comprenant une partie principale (2) destinée à être rendue solidaire d'un premier élément tel qu'un dormant ou un ouvrant, et une partie mobile (3) à tige longitudinale (4) munie d'un évidement de retenue (5) et destinée à être rendu solidaire d'un second élément à verrouiller et libérer sélectivement vis-à-vis du premier élément. Un nez de verrouillage (11) vient en contact avec l'évidement de retenue (5) selon un appui linéique.

## IPC 8 full level

**E05B 47/02** (2006.01); **E05B 47/06** (2006.01)

## CPC (source: EP)

**E05B 47/026** (2013.01); **E05B 47/0603** (2013.01); **E05B 17/002** (2013.01); **E05B 47/0006** (2013.01); **E05B 2015/0235** (2013.01); **E05B 2047/0073** (2013.01); **E05B 2047/0076** (2013.01)

## Citation (applicant)

- EP 2148027 A1 20100127 - LUXALP [FR], et al
- DE 1093697 B 19601124 - DAIMLER BENZ AG
- DE 202008006209 U1 20080821 - GUDERMANN ADOLF [DE]
- DE 19835508 A1 20000210 - TST TRESOR UND SCHLOSTECHNIK G [DE]

## Citation (search report)

- [XAI] DE 202008006209 U1 20080821 - GUDERMANN ADOLF [DE]
- [AD] EP 2148027 A1 20100127 - LUXALP [FR], et al
- [AD] DE 1093697 B 19601124 - DAIMLER BENZ AG
- [AD] DE 19835508 A1 20000210 - TST TRESOR UND SCHLOSTECHNIK G [DE]
- [A] US 5603536 A 19970218 - BAUER DAVID R [US], et al

## Cited by

IT201800004242A1; GB2579212A; CN109572322A; FR3137140A1; WO2019193480A1

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

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## DOCDB simple family (application)

**EP 12191173 A 20121102; FR 1159973 A 20111103**