

Title (en)  
Relay

Title (de)  
Relais

Title (fr)  
Relais

Publication  
**EP 1626428 A3 20061108 (DE)**

Application  
**EP 05017349 A 20050810**

Priority  
DE 102004039984 A 20040812

Abstract (en)  
[origin: EP1626428A2] The movable electrical contacts [106] are mounted on a leaf spring carrier [104] that is fixed in the centre to a rocker armature plate [44]. The armature lies against a permanent magnet [50] that forms part of the magnetic circuit of an electromagnetic actuator that has two coils [14]. This provides a bistable mode of operation.

IPC 8 full level  
**H01H 51/22** (2006.01)

CPC (source: EP)  
**H01H 51/229** (2013.01)

Citation (search report)

- [A] EP 0778602 A2 19970611 - OMRON TATEISI ELECTRONICS CO [JP]
- [A] US 4695813 A 19870922 - NOBUTOKI KAZUHIRO [JP], et al
- [DA] DE 2148377 A1 19730405 - SIEMENS AG
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 226 (E - 763) 25 May 1989 (1989-05-25)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1626428 A2 20060215; EP 1626428 A3 20061108; EP 1626428 B1 20100421**; AT E465505 T1 20100515; DE 102004039984 A1 20060223; DE 502005009447 D1 20100602; ES 2344705 T3 20100903

DOCDB simple family (application)  
**EP 05017349 A 20050810**; AT 05017349 T 20050810; DE 102004039984 A 20040812; DE 502005009447 T 20050810; ES 05017349 T 20050810