

Title (en)
ELECTROMAGNETIC RELAY

Title (de)
ELEKTROMAGNETISCHES RELAIS

Title (fr)
RELAIS ELECTROMAGNETIQUE

Publication
EP 1018129 B1 20010808 (DE)

Application
EP 98936088 A 19980603

Priority
• DE 9801508 W 19980603
• DE 19727863 A 19970630

Abstract (en)
[origin: DE19727863C1] The invention relates to an electromagnetic relay containing a base body (1) consisting of insulating material, an armature (21), said armature being located above said base body (1) in such a way that it can pivot, a contact spring device which is rigidly connected to the armature (21) by a covering (27) consisting of insulating material, a coil (3) and a core (31), said core being positioned axially in said coil. Two transversal torsion spring pins (25) extend out of the covering (27) in the area of the rotational axis of the armature. Said torsion spring pins (25) are aligned with their plate level perpendicular to the base level, said base level being determined by the floor of the base body (1), and are each attached to a middle contact connecting pin (12). Said middle contact connecting pin (12) projects out from the base body (1), perpendicularly to the base level.

IPC 1-7
H01H 51/22

IPC 8 full level
H01H 50/18 (2006.01); **H01H 51/22** (2006.01); **H01H 51/24** (2006.01)

CPC (source: EP US)
H01H 51/2281 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 19727863 C1 19990121; CA 2294876 A1 19990114; CN 1261983 A 20000802; DE 59801191 D1 20010913; EP 1018129 A1 20000712; EP 1018129 B1 20010808; JP 2002507317 A 20020305; TW 380270 B 20000121; US 6140895 A 20001031; WO 9901882 A1 19990114

DOCDB simple family (application)
DE 19727863 A 19970630; CA 2294876 A 19980603; CN 98806661 A 19980603; DE 59801191 T 19980603; DE 9801508 W 19980603; EP 98936088 A 19980603; JP 50607699 A 19980603; TW 87108836 A 19980604; US 44536199 A 19991210