

Title (en)  
ELECTROMAGNETIC RELAY

Publication  
**EP 0022953 B2 19870624 (DE)**

Application  
**EP 80103714 A 19800630**

Priority  
JP 9183679 A 19790718

Abstract (en)  
[origin: US4339735A] In an electromagnetic relay, an armature block serving to actuate contact springs includes a pair of armatures and a permanent magnet disposed therebetween to magnetize the armatures to opposite polarities. Pole ends of a yoke carrying the excitation flux created by the relay coil extend between free ends of the armatures. The armature block is suspended by means of a resilient arm integrally formed with the block at one side thereof and having its outer end fixed to a bearing portion, so that a rocking motion of the armature block is achieved by a flexing motion of the resilient arm.

IPC 1-7  
**H01H 50/28**; **H01H 51/22**

IPC 8 full level  
**H01H 50/18** (2006.01); **H01H 50/28** (2006.01); **H01H 50/56** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)  
**H01H 50/56** (2013.01 - EP US); **H01H 51/2227** (2013.01 - EP US); **H01H 3/001** (2013.01 - EP US)

Cited by  
EP0186160A3; DE3223867A1; EP0203515A3; EP0034811A1; EP0091687A1; EP0204199A3; EP0361638A3; EP0091688A1; EP0168058A3; EP0250644A3; EP0072976A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0022953 A1 19810128**; **EP 0022953 B1 19840418**; **EP 0022953 B2 19870624**; AT E7182 T1 19840515; CA 1139806 A 19830118; DE 3067528 D1 19840524; JP S5615522 A 19810214; US 4339735 A 19820713

DOCDB simple family (application)  
**EP 80103714 A 19800630**; AT 80103714 T 19800630; CA 356411 A 19800717; DE 3067528 T 19800630; JP 9183679 A 19790718; US 16704980 A 19800709