

Title (en)
ELECTROMAGNETIC RELAY

Title (de)
ELEKTROMAGNETISCHES RELAIS

Title (fr)
RELAIS ELECTROMAGNETIQUE

Publication
EP 0980578 B1 20010808 (DE)

Application
EP 98922703 A 19980414

Priority
• DE 19718986 A 19970505
• EP 9802166 W 19980414

Abstract (en)
[origin: WO9850932A1] The relay has a T-shaped core (2) and a U-shaped armature (3) which is arranged with its crossbar (32) on the open end section (24) of the longitudinal limb (21) of the core and which forms two parallel work air gaps with the open ends (34) of its longitudinal arms (31) in relation to the cross-limbs (22) of said core. As a result, a particularly simple assembly and a work air gap with large pole surfaces can be obtained from only a few, simple parts.

IPC 1-7
H01H 50/24

IPC 8 full level
H01H 50/24 (2006.01); **H01H 50/36** (2006.01)

CPC (source: EP KR US)
H01H 50/24 (2013.01 - EP KR US)

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

DOCDB simple family (publication)
WO 9850932 A1 19981112; AT E204097 T1 20010815; BR 9809235 A 20000627; BR 9809235 B1 20120207; CA 2288775 A1 19981112; CA 2288775 C 20051220; CN 1129935 C 20031203; CN 1255232 A 20000531; DE 59801176 D1 20010913; EP 0980578 A1 20000223; EP 0980578 B1 20010808; ES 2162446 T3 20011216; ID 22892 A 19991216; JP 2001523380 A 20011120; JP 3957769 B2 20070815; KR 100478027 B1 20050323; KR 20010012265 A 20010215; PT 980578 E 20011130; TW 396357 B 20000701; US 6144270 A 20001107

DOCDB simple family (application)
EP 9802166 W 19980414; AT 98922703 T 19980414; BR 9809235 A 19980414; CA 2288775 A 19980414; CN 98804823 A 19980414; DE 59801176 T 19980414; EP 98922703 A 19980414; ES 98922703 T 19980414; ID 991330 A 19980414; JP 54765598 A 19980414; KR 19997010216 A 19991105; PT 98922703 T 19980414; TW 87105619 A 19980414; US 42328099 A 19991104