

Title (en)

Yoke in particular for a trip device usable in a fault current protective switch

Title (de)

Joch für einen vorzugsweise in einem Fehlerstrom-Schutzschalter einsetzbaren Magnetauslöser

Title (fr)

Culasse en particulier pour un déclencheur utilisable dans un disjoncteur de courant de défaut

Publication

EP 0786789 A3 20000621 (DE)

Application

EP 96810588 A 19960906

Priority

DE 19602268 A 19960123

Abstract (en)

[origin: EP0786789A2] In conjunction with a movable armature the yoke (16) forms a magnetic circuit with two stationary pole pieces (13,14) spaced apart for the predetermined magnetic reluctance. The pole pieces are held together e.g. by spot welds (20) with an air gap acting as a diaphragm (15). A constant magnetic flux is supplied by a rectangular permanent magnet (17) having a flat end (18) on which one end of the armature rests while the trip device is closed. The other end rests on a flat surface (19) of a projection from one pole piece (13).

IPC 1-7

H01H 71/32

IPC 8 full level

H01H 71/32 (2006.01)

CPC (source: EP)

H01H 71/321 (2013.01)

Citation (search report)

- [YDA] DE 8801399 U1 19880428
- [YA] DE 9210981 U1 19921029
- [AD] FR 1551672 A 19681227
- [A] EP 0228345 A1 19870708 - MAIER & CIE C [CH]
- [A] EP 0051231 A1 19820512 - BBC BROWN BOVERI & CIE [DE]

Cited by

DE19839637A1; EP0984477A3; WO2012169975A1; EP1650780A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0786789 A2 19970730; EP 0786789 A3 20000621; EP 0786789 B1 20040211; EP 0786789 B2 20090114; AT E259539 T1 20040215; DE 59610915 D1 20040318

DOCDB simple family (application)

EP 96810588 A 19960906; AT 96810588 T 19960906; DE 59610915 T 19960906