

Title (en)

SWITCH WITH WETTED CONTACTS AND MAGNETIC OPERATION, AND ELECTRIC RELAY COMPRISING SUCH A SWITCH

Publication

EP 0032331 B1 19830525 (FR)

Application

EP 80401784 A 19801212

Priority

FR 8000308 A 19800108

Abstract (en)

[origin: US4400671A] A mercury wetted switch, controlled by a magnetic field produced from a discreet semiconductor encapsulating box or case, whose base has a double or so-called "common" electrode and at least one other insulated electrode. A moving plate engages in fork-like manner in the double electrode and bears against another electrode. The liquid wetting the contacts forms a liquid hinge for the plate on the double electrode. Application to electrical relays, particularly for professional equipment and telecommunications.

IPC 1-7

H01H 1/08

IPC 8 full level

H01H 1/08 (2006.01); **H01H 51/28** (2006.01)

CPC (source: EP US)

H01H 1/08 (2013.01 - EP US); **H01H 51/28** (2013.01 - EP US)

Cited by

EP0061382A1; US5918927A

Designated contracting state (EPC)

BE DE GB IT

DOCDB simple family (publication)

EP 0032331 A1 19810722; **EP 0032331 B1 19830525**; DE 3063550 D1 19830707; FR 2473217 A1 19810710; FR 2473217 B1 19840518; JP S56103829 A 19810819; US 4400671 A 19830823

DOCDB simple family (application)

EP 80401784 A 19801212; DE 3063550 T 19801212; FR 8000308 A 19800108; JP 64081 A 19810106; US 22288781 A 19810106