

Title (en)
ELECTROMAGNETIC RELAY WITH ROTATING ARMATURE

Publication
EP 0096350 B1 19881117 (DE)

Application
EP 83105397 A 19830531

Priority
DE 3220985 A 19820603

Abstract (en)
[origin: US4539540A] The rotating armature relay exhibits one or two ferromagnetic bars which are provided with an insulating covering in their central area. Contact springs are secured in the insulation covering, the contacting, free ends of said contact springs respectively interacting with cooperating contact elements anchored in a base body. As a result, a slide-free and, thus, low-friction actuation derives as, however, does relatively high friction at the contact locations, whereby contact impacts are suppressed and foreign layers are abraded from the contact surfaces.

IPC 1-7
H01H 50/24

IPC 8 full level
H01H 50/18 (2006.01); **H01H 50/24** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)
H01H 50/548 (2013.01 - EP US)

Citation (examination)
EP 0089670 A2 19830928 - SIEMENS AG [DE]

Cited by
EP0168058A3

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0096350 A2 19831221; EP 0096350 A3 19861230; EP 0096350 B1 19881117; DE 3220985 A1 19831208; DE 3378507 D1 19881222; JP S58216321 A 19831216; US 4539540 A 19850903

DOCDB simple family (application)
EP 83105397 A 19830531; DE 3220985 A 19820603; DE 3378507 T 19830531; JP 8931483 A 19830523; US 49564883 A 19830518