

Title (en)

ELECTRICAL SWITCHING DEVICE, RELAY AND ELECTRICAL APPARATUS COMPRISING SAME

Title (de)

ELEKTRISCHE SCHALTVORRICHTUNG, RELAIS SOWIE ELEKTRISCHES GERÄT MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DISPOSITIF DE COMMUTATION ELECTRIQUE, RELAIS ET APPAREIL ELECTRIQUE COMPORTANT UN TEL DISPOSITIF

Publication

EP 1556873 A1 20050727 (FR)

Application

EP 03778439 A 20031022

Priority

- FR 0303136 W 20031022
- FR 0213433 A 20021028

Abstract (en)

[origin: US2006145794A1] The electrical switching device comprises at least a first part comprising at least a first magnetizable element and a first contact zone associated with said first magnetizable element, and at least a second movable part comprising at least a second magnetic element and a second contact zone associated with said second magnetic element. The first or second magnetic element comprises at least one permanent magnetization part to keep the first electrical contact closed and to exert a contact pressure between the first and second contact zones when the movable part is in a first stable position. The electromagnetic relay and/or electrical apparatus comprise electrical contact inputs and control inputs connected to a switching device comprising electromagnetic control coils.

IPC 1-7

H01H 1/54; **H01H 51/01**

IPC 8 full level

H01H 1/54 (2006.01); **H01H 51/01** (2006.01)

CPC (source: EP US)

H01H 1/54 (2013.01 - EP US); **H01H 51/01** (2013.01 - EP US); **H01H 2001/545** (2013.01 - EP US); **H01H 2036/0086** (2013.01 - EP US)

Citation (search report)

See references of WO 2004040607A1

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