

Title (en)

Electromagnetic relay having monitoring windows.

Title (de)

Elektromagnetisches Relais mit Überwachungsfenstern.

Title (fr)

Relais électromagnétique avec des fenêtres de contrÔle.

Publication

**EP 0344687 A2 19891206 (EN)**

Application

**EP 89109657 A 19890529**

Priority

JP 7129088 U 19880530

Abstract (en)

An electromagnetic relay, comprising: an inner casing consisting of opaque and electrically insulating material accommodating moveable contact pieces and fixed contact pieces therein; an outer casing consisting of a base through which terminals pieces for the contact pieces are passed, and a transparent cover for accommodating a solenoid and said inner casing therein; and an actuating member functionally engaged to an armature of said solenoid at its one end and to said moveable contact piece at its other end. The inner casing is provided with openings for exposing the moveable contact pieces, in particular their contact points for permitting the inspection of the operation of the contact pieces and the state of the contact points. The moveable contact pieces may be provided with indication markers for facilitating the inspection of the operation of the moveable contact pieces, and the parts surrounding the openings may be provided with identification markers for identifying the corresponding moveable contact pieces.

IPC 1-7

**H01H 50/06**

IPC 8 full level

**H01H 1/00** (2006.01); **H01H 50/06** (2006.01); **H01H 50/08** (2006.01)

CPC (source: EP)

**H01H 1/0015** (2013.01); **H01H 50/06** (2013.01); **H01H 50/08** (2013.01); **H01H 2009/0292** (2013.01)

Cited by

EP0416458A3; CN108183041A; CN106710985A; CN105900201A; KR20160107180A; EP0443199A1; EP3404690A1; FR3066641A1; US10431964B2; WO2015106975A1; KR101310602B1

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