

Title (en)  
Tristable relay

Title (de)  
Tristabiles Relais

Title (fr)  
Relais tristable

Publication  
**EP 1180778 B1 20071107 (EN)**

Application  
**EP 00117309 A 20000818**

Priority  
EP 00117309 A 20000818

Abstract (en)  
[origin: EP1180778A1] To achieve an energy effective switching between different loads at low cost there is provided a tristable relay using a core element (10) having a coil (12) for magnetisation of the core element (10). Further, a member (14) having at least one permanent magnet (16) defining a first and second magnetic pole region is arranged with respect to the core element (10) such that a relative movement between the member (14) and the core element (10) is possible. The relative movement is used to achieve switching in a tristable relay, e.g., for application within a no-frost refrigerator/freezer. <IMAGE>

IPC 8 full level  
**H01H 51/22** (2006.01)

CPC (source: EP)  
**H01H 51/22** (2013.01)

Cited by  
DE102006059822A1

Designated contracting state (EPC)  
DE DK FR GB IT

DOCDB simple family (publication)  
**EP 1180778 A1 20020220; EP 1180778 B1 20071107**; DE 60037017 D1 20071220; DE 60037017 T2 20080821; DK 1180778 T3 20080218

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