

Title (en)
ELECTROMAGNETIC RELAY

Publication
EP 0231793 B1 19920722 (DE)

Application
EP 87100545 A 19870116

Priority
DE 3601519 A 19860120

Abstract (en)
[origin: US4803589A] An electromagnetic relay includes a power supply element of the load circuit which is conducted around a part of the excitation flux circuit by at least one turn so that an auxiliary excitation flux is generated therein isodirectionally with the excitation flux of the winding. A reliable response of the relay is guaranteed even in relays wherein high currents are drawn by the load circuit from the same voltage source that delivers the excitation voltage, such as in relays in motor vehicles.

IPC 1-7
H01H 1/54; **H01H 47/04**

IPC 8 full level
H01H 1/54 (2006.01); **H01H 47/04** (2006.01); **H01H 50/44** (2006.01)

CPC (source: EP US)
H01H 1/54 (2013.01 - EP US); **H01H 47/04** (2013.01 - EP US)

Cited by
EP0348909A3; DE19963504C1; DE4232228A1; DE4232228C2

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AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0231793 A1 19870812; **EP 0231793 B1 19920722**; AT E78629 T1 19920815; DE 3780478 D1 19920827; ES 2033692 T3 19930401; JP H0746555 B2 19950517; JP S62172622 A 19870729; US 4803589 A 19890207

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EP 87100545 A 19870116; AT 87100545 T 19870116; DE 3780478 T 19870116; ES 87100545 T 19870116; JP 920487 A 19870120; US 197987 A 19870109