

Title (en)

Electromagnetic relay with control unit.

Title (de)

Elektromagnetisches Relais mit Regelbaustein.

Title (fr)

Relais électromagnétique avec module de commande.

Publication

EP 0484587 B1 19950726 (DE)

Application

EP 90121500 A 19901109

Priority

EP 90121500 A 19901109

Abstract (en)

[origin: EP0484587A1] In the relay, a control unit in the form of an integrated circuit (1) is connected inside the housing to a section (32) of a flat connector. In this case, the flat connector acts as heat screening and as a cooling plate for the IC. <IMAGE>

IPC 1-7

H01H 50/02; **H01H 50/12**

IPC 8 full level

H01H 45/04 (2006.01); **H01H 45/14** (2006.01); **H01H 50/02** (2006.01); **H01H 50/04** (2006.01); **H01H 50/12** (2006.01); **H01H 50/14** (2006.01)

CPC (source: EP US)

H01H 50/021 (2013.01 - EP US); **H01H 50/12** (2013.01 - EP US)

Cited by

EP2133962A1; US8837150B2; WO9742642A1; WO9641428A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0484587 A1 19920513; **EP 0484587 B1 19950726**; AT E125640 T1 19950815; CA 2055004 A1 19920510; DE 59009448 D1 19950831; ES 2074511 T3 19950916; JP H0589758 A 19930409; PT 99459 A 19931130; PT 99459 B 19990226; US 5170322 A 19921208

DOCDB simple family (application)

EP 90121500 A 19901109; AT 90121500 T 19901109; CA 2055004 A 19911107; DE 59009448 T 19901109; ES 90121500 T 19901109; JP 29266591 A 19911108; PT 9945991 A 19911108; US 78380891 A 19911029