

Title (en)
Electromagnetic switch apparatus, particularly a contactor

Title (de)
Elektromagnetisches Schaltgerät, insbesondere Schütz

Title (fr)
Appareillage interrupteur électromagnétique, en particulier contacteur

Publication
EP 0739021 A3 19980708 (DE)

Application
EP 96101421 A 19960201

Priority
CH 112695 A 19950420

Abstract (en)
[origin: EP0739021A2] The relay incorporates a contact bridge carrier (6), a thermoplastic intermediate plate (8), an armature (9) and a coupler (10) together with two pairs of elastic beams (14,15) forming a resilient connection between the contact bridge carrier and armature. The coupler is a bolt inserted into a hole (19) at right angles to the direction of movement of the armature. The intermediate plate has lateral projections (20) on both sides for guidance of the contact bridge carrier into the housing. These serve also as points of application of the drive for an auxiliary switch (not depicted).

IPC 1-7
H01H 50/64

IPC 8 full level
H01H 50/64 (2006.01)

CPC (source: EP US)
H01H 50/645 (2013.01 - EP US)

Citation (search report)
• [DA] DE 2142464 A1 19730301 - SIEMENS AG
• [A] US 3324431 A 19670606 - CATALDO JOHN B, et al

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0739021 A2 19961023; EP 0739021 A3 19980708; EP 0739021 B1 20030514; AT E240584 T1 20030515; CH 691880 A5 20011115; DE 59610433 D1 20030618; DK 0739021 T3 20030610; ES 2193211 T3 20031101; PT 739021 E 20030930; US 5717370 A 19980210

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