

Title (en)  
SWITCHING DEVICE FOR SWITCHING OF HIGH LOADS

Publication  
**EP 0466977 A3 19921125 (DE)**

Application  
**EP 90124630 A 19901218**

Priority  
DE 4022893 A 19900718

Abstract (en)  
[origin: EP0466977A2] In order to switch high loads, an off-delay relay (A) with arc-resistant contacts (a1, a2) and an on-delay relay with highly conductive contacts (b1, b2) are connected in an energising circuit, while their contacts are connected in parallel in the load circuit. When the energising voltage is applied, the first relay (A) thus responds first; when the energising voltage is interrupted, this first relay is the last to switch off so that its arc-resistant contacts in each case take over the switching-on and switching-off current, while in operation itself, the low-resistance contacts of the second relay (B) carry the major part of the current. <IMAGE>

IPC 1-7  
**H01H 47/00**; **H01H 9/38**

IPC 8 full level  
**H01H 9/38** (2006.01); **H01H 47/00** (2006.01)

CPC (source: EP)  
**H01H 9/38** (2013.01); **H01H 47/001** (2013.01)

Citation (search report)

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- [Y] DE 2808942 A1 19790906 - TEKADE FELTEN & GUILLEAUME
- [A] GB 2170654 A 19860806 - GREENWOOD SYSTEMS LIMITED
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- [Y] RADIO AND ELECTRONICS CONSTRUCTOR Bd. 29, Nr. 10, Mai 1976, LONDON Seiten 602 - 603 MILES,T. 'Sequential relay switch'

Designated contracting state (EPC)  
AT DE FR GB IT

DOCDB simple family (publication)  
**EP 0466977 A2 19920122**; **EP 0466977 A3 19921125**; **EP 0466977 B1 19950719**; AT E125391 T1 19950815; DE 4022893 C1 19910829; DE 59009423 D1 19950824

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