

Title (en)  
ELECTRIC SWITCHING APPARATUS WITH BRIDGING CONTACTS

Publication  
**EP 0072566 A3 19850109 (DE)**

Application  
**EP 82107473 A 19820817**

Priority  
DE 3132338 A 19810817

Abstract (en)  
[origin: EP0072566A2] A switching apparatus is described, especially a contactor, which has at least one double-contact point (6, 7) to which at least one semiconductor valve (4) is connected in parallel. Because of the arc which occurs on opening of the double-contact point, the semiconductor valve (4) is driven such that the arc current is commutated on the semiconductor valve and is extinguished by the semiconductor valve as it passes through zero. The arc is used to trigger the semiconductor valve; in this case the control connection is connected via a braided cable to the contact link. <IMAGE>

IPC 1-7  
**H01H 9/54**

IPC 8 full level  
**H01H 9/54** (2006.01)

CPC (source: EP)  
**H01H 9/542** (2013.01); **H01H 2009/546** (2013.01)

Citation (search report)  
• [X] US 3504233 A 19700331 - HURTLE RALPH L  
• [X] DE 1951031 A1 19700416 - AMERICAN MACH & FOUNDRY

Cited by  
FR2546659A1; US4709294A; US4885654A; CN103871779A; CN105103254A; DE3718634A1; FR2599551A1; US4802051A; CN117492404A; US10027109B2; WO8804100A1; WO9500962A1; WO2011072476A1

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**EP 0072566 A2 19830223; EP 0072566 A3 19850109; DE 3132338 A1 19830303**

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