

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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