

Title (en)  
ARC QUENCHING DEVICE

Publication  
**EP 0263293 B1 19920311 (DE)**

Application  
**EP 87112437 A 19870827**

Priority  
DE 3630447 A 19860906

Abstract (en)  
[origin: EP0263293A1] An arc quenching device (10) in an electrical contactor is arranged opposite a contact point with two contact pieces, between which an arc ignites when the contact point is opened. This arc is commutated onto arc conducting rails and runs from there into a quenching chamber which holds the quenching device (10). The latter is formed from a quenching plate stack (12) which is held by lateral wall sections (16) and whose individual quenching plates (20) are inserted in slots (28) in a rearward wall section (14). The webs (30) located between the slots in this case are used as spacers for the quenching plates (20). <IMAGE>

IPC 1-7  
**H01H 9/36**

IPC 8 full level  
**H01H 9/30** (2006.01); **H01H 9/34** (2006.01); **H01H 9/36** (2006.01)

CPC (source: EP)  
**H01H 9/302** (2013.01); **H01H 9/342** (2013.01); **H01H 9/362** (2013.01)

Cited by  
DE102009056480A1; DE102010053507A1; EP1622179A1; AU674719B2; DE102010034264B3; FR2873511A1; DE19757332C1; DE10063255B4; DE19518049A1; DE102009056480B4; DE19518051A1; DE102009056190B3; DE102010053507B4; US6288354B1; WO2006018513A3; WO9417539A1; WO2006065129A1; WO2011064091A1; WO2011066887A1; EP3846192A1

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**DE 3630447 A1 19880310**; DE 3777312 D1 19920416; EP 0263293 A1 19880413; EP 0263293 B1 19920311

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