

Title (en)  
CIRCUIT BREAKER

Publication  
**EP 0210767 A3 19880720 (EN)**

Application  
**EP 86305227 A 19860707**

Priority  
GB 8518382 A 19850720

Abstract (en)  
[origin: EP0210767A2] A circuit breaker comprises first and second main contacts (14,16) relatively movable between closed and open positions, and, when closed, forming part of a main current path through the circuit breaker. First and second arcing contacts (30,32) form part of an arc current path through the circuit breaker, and contact movement is effected so that during opening of the breaker the main contacts separate and an arc is located between the first and second arcing contacts. The first arcing contact (30) is annular, and the second arcing contact (32) lies in the space within the open centre of the annular contact. An arc-driving coil (28) surrounds the annular contact and is connected in series therewith in the arc current path. The second arcing contact and a conductor assembly connected thereto, which assembly forms part of the arc current path, are substantially symmetrical with respect to the radial mid- plane of the coil.

IPC 1-7  
**H01H 33/18**

IPC 8 full level  
**H01H 33/18** (2006.01)

CPC (source: EP)  
**H01H 33/187** (2013.01)

Citation (search report)  
• [YD] EP 0020045 A1 19801210 - SOUTH WALES SWITCHGEAR [GB]  
• [Y] GB 967737 A 19640826 - ENGLISH ELECTRIC CO LTD  
• [A] GB 2119573 A 19831116 - NORTHERN ENG IND  
• [A] FR 2230060 A1 19741213 - HAZEMEIJER BV [NL]

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CN104332360A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0210767 A2 19870204; EP 0210767 A3 19880720**; AU 6002186 A 19870122; CN 86105714 A 19870211; ES 2000526 A6 19880301; GB 2178239 A 19870204; GB 8518382 D0 19850829; GB 8616230 D0 19860813; JP S6226720 A 19870204; ZA 865195 B 19870325

DOCDB simple family (application)  
**EP 86305227 A 19860707**; AU 6002186 A 19860710; CN 86105714 A 19860719; ES 8600387 A 19860718; GB 8518382 A 19850720; GB 8616230 A 19860703; JP 16995286 A 19860721; ZA 865195 A 19860711