

Title (en)
CIRCUIT BREAKER

Title (de)
UNTERBRECHERSCHALTER

Title (fr)
DISJONCTEUR

Publication
EP 1475817 A1 20041110 (EN)

Application
EP 01982867 A 20011120

Priority
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Abstract (en)
A circuit breaker superior in heat resistance, arc resistance and over-travel characteristic, and suitable for recycling or reuse is provided. <??>The circuit breaker includes an open/close mechanism (7, 28, 29, 31, 32) for opening and closing a moving contact (5, 25) through a retention holder (6, 26) turnably holding the moving contact (5, 25), and a base (2, 21) for turnably holding the retention holder (6, 26) and holding a stationary side contact (10, 23). Detection of any over-current causes the moving contact (5, 25) to turn, and an arc-extinguishing device (9, 34) extinguishes arc generated between the contacts. Further the base (2, 21) of the circuit breaker is formed of an insulating molded article, which is mainly composed of a crystalline thermoplastic resin and is irradiated with electron beams after molding. <IMAGE>

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H01H 73/06; **H05K 5/02**; **B29C 71/04**; **H01B 3/30**

IPC 8 full level
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