

Title (en)  
MULTIPOLE CIRCUIT-BREAKER

Title (de)  
MEHRPOLIGER LEISTUNGSSCHALTER

Title (fr)  
DISJONCTEUR MULTIPOLE

Publication  
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Application  
**EP 00909285 A 20000302**

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Abstract (en)  
[origin: WO0054297A1] The invention relates to a multipole circuit-breaker with a housing (2). Interrupter chambers (3, 4) are juxtaposed in the housing (2). The number of the interrupter chambers (3, 4) matches the pole number. The interrupter chambers (3, 4) are separated by partitions (5) made of an electrically insulating material. The circuit-breaker also comprises an actuating shaft (8) for actuating moveable contact arrangements (6, 7) that are arranged in the interrupter chambers (3, 4). The actuating shaft (8) is shared by all poles. The aim of the invention is to provide a circuit-breaker (1) that is provided with an improved gas sealing between the individual interrupter chambers (3, 4) in the area of the actuating shaft (8) in relation to multipole circuit-breakers known per se. To this end, a sealing disc (9) is arranged between the interrupter chambers (3, 4). The sealing disc (9) is either sealingly fixed to the actuating shaft or is arranged within a ring groove so that it can be displaced longitudinally and in such a way that the sealing disc (9) sealingly rests against the relevant wall areas between adjacent interrupter chambers (3, 4) when there is a pressure difference, whereby the ring groove is provided at the actuating shaft.

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