

Title (en)  
CIRCUIT ARRANGEMENT WITH A CIRCUIT BREAKER

Title (de)  
SCHALTUNGSANORDNUNG MIT EINEM LEISTUNGSSCHALTER

Title (fr)  
CIRCUIT AVEC DISJONCTEUR

Publication  
**EP 1285489 A2 20030226 (DE)**

Application  
**EP 01947313 A 20010523**

Priority  
• DE 10025908 A 20000526  
• EP 0105948 W 20010523

Abstract (en)  
[origin: DE10025908A1] The invention relates to an electronic circuit arrangement comprising a circuit breaker. The circuit breaker comprises an on-off switch; a first interface; a voltage divider; a connection for an external voltage supply; a ground connection. The interface is connected in a flexible manner in the form of an input and output for detecting a state. The circuit breaker comprises a second interface which is used to connect an evaluation and/or diagnostic unit.  
[origin: DE10025908A1] The expanded function of the power switch is obtained by using a simplified design giving use of an input as well as an output via an interface (2) and allowing diagnosis of all conditions and states of the electronic circuit, via a second interface (6) with connection to a diagnosis unit (not shown). A second voltage divider (7) is connected before the second interface (6) for dividing the voltage at the second interface.

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**H02P 1/00**

IPC 8 full level  
**H01H 9/54** (2006.01); **H03K 17/18** (2006.01)

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Citation (search report)  
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