

Title (en)  
SAFETY RELAY CIRCUIT

Title (de)  
SICHERHEITSRELAISSCHALTUNG

Title (fr)  
CIRCUIT À RELAIS DE SÉCURITÉ

Publication  
**EP 2826052 A1 20150121 (DE)**

Application  
**EP 13709093 A 20130312**

Priority  
• DE 102012004843 A 20120313  
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Abstract (en)  
[origin: WO2013135719A1] The invention relates to a safety relay circuit, in particular having two relay switches (k1, k2) connected in series or in parallel in a load circuit (LN). A switch-position indicating circuit (A1) is associated with the relay switch (k1). An evaluating circuit compares the command input to the relay (k1) with the indication of the indicating circuit (A1), whereby error states occurring at the relay switches can be detected.

IPC 8 full level  
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**H01H 9/161** (2013.01 - EP US); **H01H 47/00** (2013.01 - US); **H01H 47/002** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013135719A1

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