

Title (en)

SAFETY RELAY CIRCUIT

Title (de)

SICHERHEITSRELAISCHALTUNG

Title (fr)

CIRCUIT À RELAIS DE SÉCURITÉ

Publication

EP 2826052 B1 20170104 (DE)

Application

EP 13709093 A 20130312

Priority

- DE 102012004843 A 20120313
- EP 2013055029 W 20130312

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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CPC (source: EP US)

H01H 9/161 (2013.01 - EP US); **H01H 47/00** (2013.01 - US); **H01H 47/002** (2013.01 - EP US)

Citation (examination)

- EP 2256777 A2 20101201 - YAMATAKE CORP [JP]
- US 2001027352 A1 20011004 - MORITA KUNITOSHI [JP], et al

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DOCDB simple family (publication)

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DOCDB simple family (application)

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