

Title (en)

SAFETY DEVICE WITH A FUSE AND METHOD FOR ELECTRICALLY MONITORING AND SIGNALLING THE TRIGGERING OF A SAFETY DEVICE, IN PARTICULAR A FUSE

Title (de)

SCHUTZEINRICHTUNG MIT EINER SCHMELZSICHERUNG UND VERFAHREN ZUR ELEKTRISCHEN ÜBERWACHUNG UND SIGNALISIERUNG DER AUSLÖSUNG EINER SCHUTZEINRICHTUNG, INSBESONDERE EINER SCHMELZSICHERUNG

Title (fr)

DISPOSITIF DE PROTECTION COMPRENANT UN FUSIBLE ET PROCÉDÉ DE SURVEILLANCE ÉLECTRIQUE ET DE SIGNALISATION DU DÉCLENCHEMENT D'UN DISPOSITIF DE PROTECTION, EN PARTICULIER D'UN FUSIBLE

Publication

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Application

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Priority

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Abstract (en)

[origin: CN107452564A] The invention relates to a safety device with a fuse and a monitoring and signaling unit, and the safety device comprises a signal spring (6) which is released when the fuse is melted and then abuts a stop element (8). In order to achieve a mechanical safety monitoring that has a high reliability, it is proposed that the signal spring (6) belongs to a release device (7) on which the stop element (8) is arranged, and by a triggering spring (14) that is released by the striking, the signal spring (6) can be moved from a holding position to a release position. When the release device (7) is in a release position, a switch (10) held by the release device (7) in a first switching state, switches to a second switching state, and the second switching state signals each of the molten fuse element. Furthermore, the invention relates to a method for sending an electric signal for triggering a protection device.

IPC 8 full level

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CPC (source: CN EP)

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