

Title (en)

Thermal fuse.

Title (de)

Thermische Schmelzsicherung.

Title (fr)

Fusible thermique.

Publication

EP 0121005 A1 19841010 (EN)

Application

EP 83201358 A 19830923

Priority

JP 5626983 A 19830330

Abstract (en)

A thermal fuse which comprises opposing two lead wires with a required space therebetween, an element bridging the opposing two lead wires and a coil spring set under tension between one of the lead wires and the element. Both end surfaces of the element are welded to each lead wire by fusible alloy and upon fusing of the fusible alloy due to the rise of ambient temperature, the element is moved towards one of the lead wires by the coil spring and a circuit is opened.

IPC 1-7

H01H 37/76

IPC 8 full level

H01H 37/76 (2006.01)

CPC (source: EP)

H01H 37/76 (2013.01)

Citation (search report)

- [X] GB 1557911 A 19791219 - MATSUSHITA ELECTRIC IND CO LTD
- [A] US 4383236 A 19830510 - URANI ANGELO, et al
- [A] US 4356469 A 19821026 - DOZIER HILLIARD

Cited by

EP3644457A1; CN1043494C; DE4424821A1; DE19528100A1; DE19528100C2; US5982270A; FR2786924A1; WO9705636A1

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