

Title (en)

Bimetallic snap disc

Title (de)

Bimetall-Schnappscheibe

Title (fr)

Disque bimétallique embouti

Publication

**EP 2282320 A1 20110209 (DE)**

Application

**EP 10007713 A 20100724**

Priority

DE 102009035829 A 20090801

Abstract (en)

The disc has an arched main element (1) whose arch extends in one direction and snaps in opposite direction under influence of temperature change. The main element is provided with heating element formed by electrical conductor (2) provided directly on main element. The electrical conductor is embedded in an insulating layer and in the form of conductor strip.

Abstract (de)

Eine Bimetall-Schnappscheibe mit einem gewölbten Hauptelement (1), dessen Wölbung sich unter Temperatureinfluss in die entgegen gesetzte Richtung ausbildet, ist dadurch gekennzeichnet, dass auf dem Hauptelement (1) ein als elektrischer Leiter (2) ausgebildetes erstes Heizelement angeordnet ist.

IPC 8 full level

**H01H 37/54** (2006.01); **H01H 61/02** (2006.01)

CPC (source: EP US)

**H01H 37/5418** (2013.01 - EP US); **H01H 61/02** (2013.01 - EP US); **H01H 61/0107** (2013.01 - EP US)

Citation (applicant)

EP 0813215 B1 20020403 - HOFSAESS MARCEL [DE]

Citation (search report)

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Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2282320 A1 20110209**; CN 101989513 A 20110323; US 2011025449 A1 20110203

DOCDB simple family (application)

**EP 10007713 A 20100724**; CN 201010243536 A 20100730; US 80485410 A 20100730