

Title (en)

DEVICE CAPABLE OF INDICATING THAT AT LEAST ONE TEMPERATURE THRESHOLD HAS BEEN REACHED AND/OR EXCEEDED

Title (de)

EINRICHTUNG MIT DER FÄHIGKEIT ZUR ANZEIGE, DASS MINDESTENS EINE TEMPERATURSCHWELLE ERREICHT UND/ODER ÜBERSCHRITTEN WURDE

Title (fr)

DISPOSITIF PERMETTANT D'INDIQUER QU'AU MOINS UN SEUIL DE TEMPERATURE A ETE ATTEINT ET/OU DEPASSE.

Publication

EP 2368100 A2 20110928 (FR)

Application

EP 09799370 A 20091125

Priority

- FR 2009052297 W 20091125
- FR 0806679 A 20081126
- FR 0806680 A 20081126

Abstract (en)

[origin: WO2010061134A2] The invention relates to a device capable of indicating that at least one temperature threshold has been reached and/or exceeded, characterized in that the device includes a substrate (1), at least one of the surfaces of which comprises at least one externally visible visual and/or audio indicator (2), said substrate (1) including: at least one component (6') capable of changing form and/or size when exposed to temperature, said changes that are carried out when said at least one temperature threshold is reached or exceeded causing the movement of said component (6'); at least one transmission or communication means (8) that enables the direct or indirect transmission of said movement of the component (6') to and/or towards the visual and/or audio indicator (2), said transmission being expressed as: a change in the appearance of the indicator (2) if the latter is visual; and/or a release of an audio signal if the indicator (2) is an audio one.

IPC 8 full level

G01K 3/04 (2006.01); **G01K 5/54** (2006.01); **G01K 11/06** (2006.01)

CPC (source: EP US)

G01K 3/04 (2013.01 - EP US); **G01K 5/54** (2013.01 - EP US); **G01K 11/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2010061134A2

Citation (examination)

- US 2008173712 A1 20080724 - NEMET YARON [IL], et al
- FR 2868840 A1 20051014 - BARBIERI GALDINO [FR]
- US 3665770 A 19720530 - SAGI ZSIGMOND, et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2010061134 A2 20100603; **WO 2010061134 A3 20101021**; CA 2781772 A1 20100603; EP 2368100 A2 20110928; US 2012326878 A1 20121227

DOCDB simple family (application)

FR 2009052297 W 20091125; CA 2781772 A 20091125; EP 09799370 A 20091125; US 200913511575 A 20091125