

Title (en)

THERMALLY TRIGGERABLE INDICATING OR SWITCHING DEVICE

Title (de)

THERMISCH AUSLÖSBARE ANZEIGE- ODER SCHALTEINRICHTUNG

Title (fr)

DISPOSITIF D'INDICATION OU DE COMMUTATION POUVANT ÊTRE DÉCLENCHÉ THERMIQUEMENT

Publication

EP 3685417 B1 20210908 (DE)

Application

EP 19805215 A 20191113

Priority

- DE 102018131975 A 20181212
- EP 2019081159 W 20191113

Abstract (en)

[origin: WO2020120057A1] The invention relates to a thermally triggerable indicating or switching device, with a movable, mechanically pretensioned slide, which directly or indirectly triggers or actuates the indicating or switching device, and with a shaped part, which changes its state of aggregation under the effect of heat, wherein the shaped part in the functional state can be arranged in such a way as to block the movable slide. According to the invention, in the initial state the shaped part is loosely confined within a holding space. To bring the shaped part into the functional state, the slide is moved into a position such that a gap opens up between the slide and a slide stop, wherein the shaped part enters the gap and at the same time the slide is pretensioned.

IPC 8 full level

H01H 37/76 (2006.01)

CPC (source: EP US)

H01H 37/76 (2013.01 - EP); **H01H 37/761** (2013.01 - US); **H01H 37/764** (2013.01 - US); **H01H 2037/762** (2013.01 - US)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020120057 A1 20200618; **WO 2020120057 A8 20210916**; CN 113383401 A 20210910; DE 102018131975 A1 20200618; DE 102018131975 B4 20210114; EP 3685417 A1 20200729; EP 3685417 B1 20210908; JP 2022513465 A 20220208; JP 7394136 B2 20231207; US 11295915 B2 20220405; US 2022013314 A1 20220113

DOCDB simple family (application)

EP 2019081159 W 20191113; CN 201980088168 A 20191113; DE 102018131975 A 20181212; EP 19805215 A 20191113; JP 2021533553 A 20191113; US 201917413041 A 20191113