

Title (en)
THERMOMETER WITH IMPROVED RESPONSE TIME

Title (de)
THERMOMETER MIT VERBESSERTER ANSPRECHZEIT

Title (fr)
THERMOMÈTRE PRÉSENTANT UN TEMPS DE RÉPONSE AMÉLIORÉ

Publication
EP 3642581 A1 20200429 (DE)

Application
EP 18723519 A 20180509

Priority
• DE 102017113768 A 20170621
• EP 2018062055 W 20180509

Abstract (en)
[origin: WO2018233925A1] The present invention relates to a method for producing a device (1) for determining and/or monitoring the temperature (T) of a medium (5) comprising the following method steps: - arranging a sensor element (7) in a sensor head (3), - generating a vacuum in an inner volume (V) of the sensor head (3), - introducing at least one filler material (6) into at least a partial region of the inner volume (V) of the sensor head (3), and - closing the sensor head (3). The present invention also relates to a device produced in accordance with the method.

IPC 8 full level
G01K 1/18 (2006.01); **G01K 13/02** (2006.01)

CPC (source: EP US)
G01K 1/08 (2013.01 - EP US); **G01K 1/18** (2013.01 - EP US); **G01K 7/02** (2013.01 - US); **G01K 7/16** (2013.01 - US); **G01K 7/18** (2013.01 - EP); **H01C 1/02** (2013.01 - US); **H01C 7/008** (2013.01 - US); **H01C 17/00** (2013.01 - US)

Citation (search report)
See references of WO 2018233925A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017113768 A1 20181227; CN 110832291 A 20200221; EP 3642581 A1 20200429; US 11480476 B2 20221025; US 2020132556 A1 20200430; WO 2018233925 A1 20181227

DOCDB simple family (application)
DE 102017113768 A 20170621; CN 201880040492 A 20180509; EP 18723519 A 20180509; EP 2018062055 W 20180509; US 201816624380 A 20180509