

Title (en)
TEMPERATURE SENSOR

Title (de)
TEMPERATURSENSOR

Title (fr)
CAPTEUR DE TEMPERATURE

Publication
EP 1929261 A1 20080611 (DE)

Application
EP 06762227 A 20060628

Priority
• EP 2006006230 W 20060628
• DE 102005041495 A 20050901

Abstract (en)
[origin: WO2007025589A1] In a temperature sensor (10) which is suitable for being fixed to or on objects of all types, at least two spaced-apart electrodes (14, 16) and at least one material layer (18) are arranged on a substrate (12). The material layer (18) is formed between the electrodes (14, 16), wherein the material layer changes as a function of the temperature acting on the material layer (18) or is enriched in different form between the electrodes (14, 16). The temperature sensor (10) does not require an energy source and material changes in the material layer (18) can be measured via the electrodes (14, 16).

IPC 8 full level
G01K 3/04 (2006.01)

CPC (source: EP)
G01K 3/04 (2013.01); **G01K 11/06** (2013.01)

Citation (search report)
See references of WO 2007025589A1

Citation (examination)
DE 10338076 A1 20050331 - SIEMENS AG [DE]

Designated contracting state (EPC)
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