

Title (en)
Temperature sensor

Title (de)
Temperaturfühler

Title (fr)
Capteur de température

Publication
EP 1569257 B1 20060712 (DE)

Application
EP 04004151 A 20040224

Priority
EP 04004151 A 20040224

Abstract (en)
[origin: EP1569257A1] The sensor has two expansion units, where one unit is connected to a housing (10) of a switch. The other unit with different thermal expansion coefficient is connected to the former unit in free end of the later unit. A spring acts on the latter unit in an axial direction, where the latter unit acts upon a contact spring from one side. The spring acts upon the contact spring from another side through a support.

IPC 8 full level
H01H 37/48 (2006.01); **H01H 37/20** (2006.01)

CPC (source: EP US)
H01H 37/48 (2013.01 - EP US); **H01H 37/20** (2013.01 - EP US)

Cited by
DE102009022332A1; EP2544205A1; DE102006037712A1; EP2287877A3; EP3116286A4; DE102020201610B3; DE102010008755A1; WO2011101193A1; EP2287877A2; DE102009038960A1; US8368503B2; EP3863372A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1569257 A1 20050831; EP 1569257 B1 20060712; AT E333141 T1 20060815; DE 502004000953 D1 20060824; US 2005184849 A1 20050825; US 7345572 B2 20080318

DOCDB simple family (application)
EP 04004151 A 20040224; AT 04004151 T 20040224; DE 502004000953 T 20040224; US 6532805 A 20050224