

Title (en)  
SURGE-PROTECTED SENSOR ELEMENT

Title (de)  
SENSORELEMENT MIT EINEM ÜBERSpannungSSCHUTZ

Title (fr)  
ÉLÉMENT DE DÉTECTION MUNI D'UNE PROTECTION CONTRE LES SURTENSIONS

Publication  
**EP 3080553 A1 20161019 (DE)**

Application  
**EP 14814797 A 20141209**

Priority  
• DE 102013020583 A 20131213  
• EP 2014076963 W 20141209

Abstract (en)  
[origin: CA2932499A1] Disclosed is a surge-protected sensor element (1) comprising at least one sensor (2) for sensing a service parameter, electronic components (3 to 7) and an input (8) for a power supply unit (9), characterized in that an electronic component (3) is connected in series at the input (8) and is designed as a PPTC component.

IPC 8 full level  
**G01D 3/08** (2006.01)

CPC (source: EP US)  
**G01D 3/08** (2013.01 - EP US); **H02H 9/04** (2013.01 - US)

Citation (search report)  
See references of WO 2015086553A1

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)  
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**DE 102013020583 A 20131213**; CA 2932499 A 20141209; CN 201480068220 A 20141209; EP 14814797 A 20141209; EP 2014076963 W 20141209; JP 2016539153 A 20141209; US 201415031013 A 20141209