

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)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102013020583 A1 20150618; CA 2932499 A1 20150618; CN 105829833 A 20160803; EP 3080553 A1 20161019; JP 2017505427 A 20170216; US 2016282138 A1 20160929; WO 2015086553 A1 20150618

DOCDB simple family (application)
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