

Title (en)
PLUG WITH THERMAL SENSOR

Title (de)
NETZSTECKER MIT TEMPERATURSENSOR

Title (fr)
PRISE DE COURANT AVEC CAPTEUR DE TEMPÉRATURE

Publication
EP 3076496 A1 20161005 (EN)

Application
EP 16159318 A 20160309

Priority
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Abstract (en)
A plug according to the present invention includes: a plug body (30) which includes a front wall (311), and a peripheral wall (312) protruding rearward from the front wall (311); a plurality of conductive pins (10) housed in the plug body (30); an earth bracket (20) which includes a pair of contact portions (21) exposed from surfaces of the peripheral wall (312), and a joint portion (22) joining the pair of contact portions (21) in the plug body (30); and a plurality of temperature sensor elements (40) which detect temperatures of the plurality of conductive pins (10). The joint portion (22) is bent into a shape having a recess (25) which opens toward the front wall (311). The recess (25) forms at least a portion of a housing space (37) for housing the plurality of temperature sensor elements (40) between the front wall (311) and the earth bracket (20).

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CPC (source: EP)
H01R 13/6683 (2013.01); **H01R 24/30** (2013.01); **H01R 13/7137** (2013.01)

Citation (applicant)
• JP 2014091552 A 20140519 - SANKO CO LTD
• JP 2014038785 A 20140227 - FUJI DENSEN KOGYO KK

Citation (search report)
• [YD] WO 2014091552 A1 20140619 - FUJI ELECTRIC WIRE IND CO LTD [JP] & EP 2933880 A1 20151021 - FUJI ELECTRIC WIRE IND CO LTD [JP]
• [Y] EP 2811580 A2 20141210 - PANASONIC CORP [JP]

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CN114256713A; EP3540869A1; AT521095A1; AT521095B1; EP3093926B1

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