

Title (en)

PLUG WITH FUSE AND TEMPERATURE SENSOR

Title (de)

NETZSTECKER MIT SICHERUNG UND TEMPERATURSENSOR

Title (fr)

CONNECTEUR MALE AVEC FUSIBLE ET CAPTEUR DE TEMPÉRATURE

Publication

**EP 3076497 A1 20161005 (EN)**

Application

**EP 16160663 A 20160316**

Priority

JP 2015074237 A 20150331

Abstract (en)

A plug according to the present invention includes conductive pins (10) having longitudinal directions parallel to one another; temperature sensor elements (40) which are spaced apart from the conductive pins (10) and detect temperatures of the conductive pins (10); and a fuse holder (50) which holds a fuse (70) that blows when overcurrent flows through a specific conductive pin (10) among the conductive pins (10). Each of the temperature sensor elements (40) is located closer to a corresponding conductive pin (10) among the conductive pins (10) than to the fuse holder (50), and not between the fuse holder (50) and the corresponding conductive pin (10).

IPC 8 full level

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CPC (source: EP)

**H01R 13/6683** (2013.01); **H01R 13/688** (2013.01); **H01R 24/30** (2013.01)

Citation (applicant)

JP 2014222612 A 20141127 - FUJI DENSEN KOGYO KK

Citation (search report)

- [YD] JP 2014222612 A 20141127 - FUJI DENSEN KOGYO KK
- [Y] EP 2706628 A1 20140312 - PANASONIC CORP [JP]

Cited by

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**EP 3076497 A1 20161005**; **EP 3076497 B1 20180725**; JP 2016195037 A 20161117; JP 6497618 B2 20190410

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