

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

CN108270103A

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

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