

Title (en)

Electric socket with temperature monitoring

Title (de)

Elektrische Steckdose mit Temperaturüberwachung

Title (fr)

Prise électrique dotée d'une surveillance de la température

Publication

EP 2701244 B1 20181010 (DE)

Application

EP 13181210 A 20130821

Priority

DE 202012008085 U 20120823

Abstract (en)

[origin: EP2701244A2] The electrical socket (1) is provided with micro-infrared cameras (11,12,13,14) disposed directly at the front side of the socket. The detected temperature value of the micro-infrared camera is fed to a processing unit. The processing unit outputs a status signal when the detected temperature value exceeds a predetermined maximum temperature.

IPC 8 full level

H01R 13/66 (2006.01); **G08B 17/06** (2006.01); **H01R 13/71** (2006.01); **G08B 17/12** (2006.01); **H01R 24/76** (2011.01)

CPC (source: EP)

G08B 17/06 (2013.01); **H01R 13/6683** (2013.01); **H01R 13/7137** (2013.01); **G08B 17/125** (2013.01); **H01R 13/6691** (2013.01); **H01R 24/76** (2013.01); **H01R 2103/00** (2013.01)

Cited by

CN112368893A; WO2020007538A1; GB2578238A; GB2576823B; GB2578238B; CN112673403A; CN115731664A; CN116013021A; US12061456B2

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

DOCDB simple family (publication)

DE 202012008085 U1 20120925; EP 2701244 A2 20140226; EP 2701244 A3 20180110; EP 2701244 B1 20181010

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DE 202012008085 U 20120823; EP 13181210 A 20130821