

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR MÂLE

Publication
EP 3432426 A4 20190123 (EN)

Application
EP 17766530 A 20170309

Priority
• JP 2016056044 A 20160318
• JP 2017009431 W 20170309

Abstract (en)
[origin: EP3432426A1] A plug connector which can improve the convenience is provided. A plug connector (1) includes: a sound collector (22) configured to collect a sound around the plug connector and generates a sound signal in form of an electric signal; and a determination processor (24) configured to detect a target sound as a detection target based on the sound signal to determine whether or not an event associated with generation of the target sound occurs. The plug connector (1) is provided with, as the target sound, a plurality of types of target sounds. The determination processor (24) has a first mode and a second mode as operation modes. The determination processor (24) detects a first target sound and a second target sound of the target sounds in the first mode and the second mode respectively. The first target sound and the second target sound are different in type.

IPC 8 full level
H01R 31/06 (2006.01); **G08B 13/04** (2006.01); **G08B 13/16** (2006.01); **G08B 25/00** (2006.01); **G08B 25/04** (2006.01); **G08B 25/08** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP)
G08B 13/04 (2013.01); **G08B 13/1672** (2013.01); **H01R 13/6683** (2013.01); **H01R 24/30** (2013.01)

Citation (search report)
• [X1] WO 2014134217 A1 20140904 - NOLAND BRYAN LEE [US], et al
• [1Y] US 2008172232 A1 20080717 - GURLEY SCOTT A [US]
• [XY] EP 0994536 A1 20000419 - HUANG HSIEN TING [TW]
• [1Y] US 2008285388 A1 20081120 - OHGURI HIROKAZU [JP], et al
• [1] US 5414409 A 19950509 - VOSEN ROBERT C [US], et al
• See references of WO 2017159529A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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