

Title (en)  
Electrical connector

Title (de)  
Elektrischer Steckverbinder

Title (fr)  
Connecteur électrique

Publication  
**EP 2525442 A3 20130109 (EN)**

Application  
**EP 12168528 A 20120518**

Priority  
JP 2011114033 A 20110520

Abstract (en)  
[origin: EP2525442A2] There is provided an electrical connector including a plurality of contact pins, which electrical connector can realize reduced reduction costs. A jack (10), as this electrical connector, includes a plurality of contact pins (110) arranged at a predetermined spacing from each other within a shield case (160). At least one of the plurality of contact pins (110) includes a projecting part (120) projecting toward another adjacent contact pin (110). The projecting part (120) makes the spacing between the plurality of contact pins (110) smaller than the predetermined spacing so as to change capacitance.

IPC 8 full level  
**H01R 12/70** (2011.01); **H01R 13/6464** (2011.01); **H01R 13/6474** (2011.01)

CPC (source: EP)  
**H01R 13/6474** (2013.01); **H01R 12/724** (2013.01); **H01R 12/75** (2013.01); **H01R 13/6594** (2013.01); **H01R 2107/00** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

- [X] EP 2270932 A1 20110105 - HOSIDEN CORP [JP]
- [X] US 2010255731 A1 20101007 - OYAKE TAKAYOSHI [JP], et al
- [X] JP 2009009728 A 20090115 - TAIKO DENKI CO LTD
- [X] EP 2048744 A2 20090415 - TYCO ELECTRONICS CORP [US]
- [I] US 2009124107 A1 20090514 - ZHU YU [CN]
- [AD] JP 2003272752 A 20030926 - TYCO ELECTRONICS CORP

Cited by  
EP2955791A1; US2022069492A1; US11881645B2; US2022352663A1; US11901657B2; TWI768688B

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)  
**EP 2525442 A2 20121121**; **EP 2525442 A3 20130109**; **EP 2525442 B1 20181226**; CN 102801011 A 20121128; CN 102801011 B 20161123; JP 2012243650 A 20121210; JP 5747653 B2 20150715

DOCDB simple family (application)  
**EP 12168528 A 20120518**; CN 201210157289 A 20120518; JP 2011114033 A 20110520