

Title (en)
BANANA PLUG

Title (de)
BANANENSTECKER

Title (fr)
FICHE BANANE

Publication
EP 2240982 B1 20120201 (DE)

Application
EP 09707444 A 20090206

Priority
• EP 2009000843 W 20090206
• DE 102008007866 A 20080206

Abstract (en)
[origin: US2011045711A1] The invention relates to an electrical plug connector, in particular a banana plug, having a base body (2) and having a contact pin (3) which is arranged on the front face of the base body (2), with the base body (2) having a connecting cage (4) for holding a connecting cable and for making an electrically conductive connection to the contact pin (3). The invention is based on the object of providing a better plug connector. The plug connector is intended to have good characteristics for transmission of audio signals. A further aim is that it should be possible to produce the plug connector at low cost. In order to achieve this object, the invention proposes that the contact pin (3) comprise two or more contact segments (5) and be in the form of a metallic stamped and bent part, with at least one of the contact segments (5) being at least partially embedded in the base body (2), which is composed of plastic, and extending into the interior of the connecting cage (4).

IPC 8 full level
H01R 24/00 (2011.01)

CPC (source: EP US)
H01R 4/36 (2013.01 - EP US); **H01R 13/193** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP US); **H01R 24/28** (2013.01 - EP US);
H01R 2101/00 (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
US 2011045711 A1 20110224; US 7955144 B2 20110607; AT E544203 T1 20120215; DE 102008007866 A1 20090813;
EP 2240982 A1 20101020; EP 2240982 B1 20120201; JP 2011511423 A 20110407; JP 5345640 B2 20131120; PL 2240982 T3 20120831;
WO 2009098075 A1 20090813

DOCDB simple family (application)
US 73566409 A 20090206; AT 09707444 T 20090206; DE 102008007866 A 20080206; EP 09707444 A 20090206; EP 2009000843 W 20090206;
JP 2010545409 A 20090206; PL 09707444 T 20090206