

Title (en)

High frequency connecting device

Title (de)

Hochfrequenz Verbindungsvorrichtung

Title (fr)

Dispositif de connection haute fréquence

Publication

EP 1372225 A1 20031217 (DE)

Application

EP 02405470 A 20020610

Priority

EP 02405470 A 20020610

Abstract (en)

The contacting device has at least one metal carrying body (3,4,28) that is exposed to the ambient conditions and that is made of bronze, especially casting bronze. The device is an electrical connector or connector part. The connector part is part of a coaxial connector. The device can be part of a high frequency lightning protection component.

Abstract (de)

Die Hochfrequenzkomponente weist wenigstens einen tragenden Körper (3, 4, 28) aus Metall auf, der aus Bronze, insbesondere Gussbronze hergestellt ist. Der Anteil an Zink ist kleiner als 18Gew.%, vorzugsweise kleiner als 12Gew.%. Die Komponente ist in aggressiver Atmosphäre, insbesondere gegen Ammoniak und Schwefelverbindungen, wesentlich beständiger als Messing. <IMAGE>

IPC 1-7

H01R 13/646

IPC 8 full level

C22C 9/04 (2006.01); **H01R 13/03** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP KR US)

H01R 13/03 (2013.01 - EP US); **H01R 13/52** (2013.01 - EP US); **H01R 13/646** (2013.01 - KR); **H01R 24/40** (2013.01 - EP US); **H01R 24/56** (2013.01 - EP US); **H01R 24/48** (2013.01 - EP US); **H01R 24/564** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

- [X] EP 1209771 A2 20020529 - TYCO ELECTRONICS CORP [US]
- [X] US 2002034890 A1 20020321 - URATANI CHIKARA [JP]
- [A] EP 0858133 A2 19980812 - ITT MFG ENTERPRISES INC [US]

Cited by

EP2063500A1

Designated contracting state (EPC)

CH DE FR LI SE

DOCDB simple family (publication)

EP 1372225 A1 20031217; EP 1372225 B1 20070620; AU 2003222705 A1 20031222; AU 2003222705 B2 20070614; CN 100356635 C 20071219; CN 1659746 A 20050824; DE 50210349 D1 20070802; JP 2005529471 A 20050929; KR 20050010869 A 20050128; US 2005239327 A1 20051027; WO 03105283 A1 20031218

DOCDB simple family (application)

EP 02405470 A 20020610; AU 2003222705 A 20030512; CH 0300301 W 20030512; CN 03813574 A 20030512; DE 50210349 T 20020610; JP 2004512239 A 20030512; KR 20047019959 A 20030512; US 51757904 A 20041209