

Title (en)
RF Coaxial connector and manufacturing method

Title (de)
RF-Koaxialsteckverbinder und Herstellungsverfahren

Title (fr)
Connecteur coaxial RF et procédé de fabrication

Publication
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Application
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Priority
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Abstract (en)
The invention relates to a method for manufacturing a coaxial connector 1 comprising the steps of moulding a connector housing 3 in thermoplastic material, coating said housing 3 with an electrical conductive material, and fitting a center conductor 2 with an insulating spacer 4 into the housing. It is also related to a coaxial connector 1 for RF products comprising a connector housing 3 made of thermoplastic material and coated with an electrical conductive material, a center conductor 2 and an insulating spacer 4 between the center conductor and the outer coated housing.
<IMAGE>

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Citation (search report)

- [XY] US 3363221 A 19680109 - BENJAMIN STARK FRANK
- [YA] US 5145382 A 19920908 - DICKIRSON DAVID M [US]
- [XA] WO 9833243 A2 19980730 - SIEMENS AG [DE]
- [A] US 5860812 A 19990119 - GUGLIOTTI CARMINE [US]
- [A] US 6053744 A 20000425 - GRAY IAN JAMES STAFFORDRD [GB], et al
- [A] US 5183412 A 19930202 - NAGAFUJI TOSHIAKI [JP]

Cited by
DE102007016430A1; WO2011077376A1; WO2007107196A1; FR2954609A1; EP3070781A4; DE102007016430B4; EP2124300A3; US11575214B2; US9929713B2; WO2016128035A1; EP3342003B1; US10892549B1; US11251524B1; US7892026B2; US10944164B2

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