

Title (en)  
COUPLING DEVICE FOR COAXIAL PLUG-IN CONNECTORS

Title (de)  
KUPPLER FÜR KOAXIALSTECKVERBINDER

Title (fr)  
COUPLEUR DE CONNECTEUR COAXIAL

Publication  
**EP 1224716 A1 20020724 (DE)**

Application  
**EP 00982997 A 20001012**

Priority  
• DE 0003607 W 20001012  
• DE 29918358 U 19991018

Abstract (en)  
[origin: WO0129933A1] The invention relates to a coupling device for coaxial plug-in connectors, comprising a plug-in side end (16) for connecting to a coaxial plug-in connector (20), an end facing away from the plug-in side end, especially for connecting to a coaxial cable, a contact sleeve (10), which is configured in the form of a collet chuck (18) at the plug-in end, and an axially moveable locking sleeve (14) that overlaps the collet chuck (18). Said locking sleeve has an unlocking position in which the collet chuck (18) can be expanded and the coaxial plug-in connector (20) can be inserted into the coupling device until the collet chuck (18) snaps into a groove (22) on the coupling device side; and a locking position in which the collet chuck (18) cannot be expanded and the coaxial plug-in connector (20) cannot be detached from the coupling device. According to the invention, the arrangement is such that an end (28) of the locking sleeve (14) facing away from the plug-in side end of the coupling device has at least one radially elastic resilient section (30), which is configured in such a way that it interacts with a surface of the coupling device in such a way that when the locking sleeve (14) is pivoted out of the locking position, the radial pivoting movement of the elastically resilient section (30) of the locking sleeve (14) causes a restoring force to the locking position to be produced.

IPC 1-7  
**H01R 13/627**; **H01R 13/646**

IPC 8 full level  
**H01R 13/627** (2006.01); **H01R 13/646** (2006.01)

CPC (source: EP)  
**H01R 13/6277** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  
See references of WO 0129933A1

Cited by  
CN110197974A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0129933 A1 20010426**; AT E236465 T1 20030415; CA 2387867 A1 20010426; CN 1181598 C 20041222; CN 1376323 A 20021023; DE 29918358 U1 19991223; DE 50001662 D1 20030508; DK 1224716 T3 20030721; EP 1224716 A1 20020724; EP 1224716 B1 20030402; JP 2003516606 A 20030513

DOCDB simple family (application)  
**DE 0003607 W 20001012**; AT 00982997 T 20001012; CA 2387867 A 20001012; CN 00813504 A 20001012; DE 29918358 U 19991018; DE 50001662 T 20001012; DK 00982997 T 20001012; EP 00982997 A 20001012; JP 2001531178 A 20001012