

Title (en)  
Angled plug connector

Title (de)  
Winkelsteckverbinder

Title (fr)  
Connecteur coudé à fiche

Publication  
**EP 1465293 A3 20070124 (DE)**

Application  
**EP 04005083 A 20040304**

Priority  
DE 10314914 A 20030401

Abstract (en)  
[origin: EP1465293A2] The device has a plug part (5) and a flange part, whereby the plug part can be rotated relative to the flange part to determine the outlet direction. The plug part is attached to the flange (4) with rotational resistance via at least one mounting ring that engages an annular groove (6). Both opposing sides (14,15) of the groove have corrugations running in the peripheral direction and the ring is inserted into the groove according to the corrugation shape.

IPC 8 full level  
**H01R 13/506** (2006.01); **H01R 13/508** (2006.01)

CPC (source: EP)  
**H01R 13/506** (2013.01); **H01R 13/508** (2013.01)

Citation (search report)  
• [A] US 5240424 A 19930831 - HONMA KAZUHIRO [JP], et al  
• [DA] DE 29813455 U1 19991202 - INTERCONNECTRON GMBH [DE]

Cited by  
EP2190079A3; EP2887463A1; DE202013104759U1; US7972154B2; US7901245B2; EP3993178A1; CN114498146A; WO2018007174A1; WO2008092444A3; JP2009535768A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL LT LV MK

DOCDB simple family (publication)  
**EP 1465293 A2 20041006; EP 1465293 A3 20070124; EP 1465293 B1 20070905**; DE 10314914 B3 20041007; DE 502004004840 D1 20071018

DOCDB simple family (application)  
**EP 04005083 A 20040304**; DE 10314914 A 20030401; DE 502004004840 T 20040304