

Title (en)  
ROTARY COUPLING FOR A MULTICONDUCTOR CABLE

Publication  
**EP 0131105 B1 19860827 (DE)**

Application  
**EP 84105174 A 19840508**

Priority  
DE 3318057 A 19830518

Abstract (en)  
[origin: EP0131105A1] 1. A rotating joint for multiconductor cables, consisting of a coupling sleeve (10) containing the conductor connections at the appliance side and a substantially axially symmetrical connecting piece (15) which is rotatably mounted on the coupling sleeve and receives the end (2) of the cable and its conductor connections through a kink preventing socket (1), slip rings (6, 7) of different diameters and contact springs (5, 12) bearing against these being provided in an axially staggered arrangement to make contact with the conductors at the appliance side and at the cable side, characterised in that the connecting piece (15) is entirely inserted axially in the coupling sleeve (10) and detachably secured therein and is rotatably mounted in the coupling sleeve (10) at its two axial ends by means of bearing elements (4, 18, 11, 16), the slip rings (6, 7) being disposed on the connecting piece (15) and the contact springs (5, 12) being disposed on the coupling sleeve (10), each axially between the bearing elements (4, 18, 11, 16).

IPC 1-7  
**H01R 39/64**

IPC 8 full level  
**H01R 39/64** (2006.01)

CPC (source: EP)  
**H01R 39/64** (2013.01)

Cited by  
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DE FR GB NL

DOCDB simple family (publication)  
**DE 3318057 A1 19841122**; DE 3460550 D1 19861002; EP 0131105 A1 19850116; EP 0131105 B1 19860827

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**DE 3318057 A 19830518**; DE 3460550 T 19840508; EP 84105174 A 19840508