

Title (en)  
COAXIAL CONNECTION FOR TWO CONDUCTORS

Publication  
**EP 0087605 B1 19860723 (DE)**

Application  
**EP 83100993 A 19830203**

Priority  
DE 3206699 A 19820225

Abstract (en)  
[origin: EP0087605A1] 1. Arrangement for coaxially connecting two conductors (1, 2) which are contiguous at their connecting surfaces (3) and which are compressed in their connecting area by annular elements (7, 8, 9) deformed radially towards the conductor interior in order to produce the current conducting connection, wherein a tension rod (4) protruding axially into the conductor ends is provided, which comprises at its ends radial elevations (10) and in order to achieve a positive connection is pressed together with the material of the conductor, characterized in that annular elements (7, 9) are provided in the area of the radial elevations (10) of the tension rod (4), and in that the contiguous sections (3) of the conductors (1, 2) are pressed against each other by a material flow which is caused by the deformation of the annular elements (7, 9) located in the area of the elevations (10) of the tension rod.

IPC 1-7  
**H01R 4/18**

IPC 8 full level  
**H01R 4/18** (2006.01); **H01R 4/20** (2006.01)

CPC (source: EP)  
**H01R 4/20** (2013.01)

Cited by  
CN110140259A

Designated contracting state (EPC)  
CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0087605 A1 19830907; EP 0087605 B1 19860723; DE 3206699 A1 19830908; DE 3206699 C2 19880804; DE 3364575 D1 19860828**

DOCDB simple family (application)  
**EP 83100993 A 19830203; DE 3206699 A 19820225; DE 3364575 T 19830203**