

Title (en)
ELECTRICAL CONNECTOR WITH SIMPLE LOCKING MEANS

Publication
EP 0058580 B1 19860108 (FR)

Application
EP 82400063 A 19820114

Priority
FR 8100801 A 19810116

Abstract (en)
[origin: EP0058580A1] 1. Electrical connector of the type comprising a male member (2) mounted at one end of a first coaxial conductor (4) comprising an internal conductor (5) and an external conductor (9), and a female member (6) mounted at one end of a second coaxial conductor (8) comprising an inner conductor and an outer conductor (35), the male member comprising a first electrically-connecting body (12), electrically connected to the external conductor (9) of the first coaxial conductor (4), and the female member (6) comprising a second electrically-connecting body (14), electrically connected to the external conductor (35) of the second coaxial conductor (8), the second electrically-conducting body (14) being adapted to cooperate with the first electrically-conducting body (12) and comprising a first flexible conductive skirt (16) adapted to fit around one end (20) of the first electrically conductive body (12), said end (20) having substantially annular form, characterised in that the second electrically-connecting body (14) additionally comprises a second flexible conductive skirt (18) adapted to fit inside the end (20) of the body (12) and in contact therewith, the second skirt (18) being electrically connected to the first skirt (16), the contact surface between the second flexible skirt (18) and the end (20) of body (12) being less than the contact surface between the first flexible skirt (16) and said end (20), the contact resistance between the second skirt (18) and the body (12) thereby being distinctly greater than the contact resistance between it and the first skirt (16), the second skirt (18) having a length sufficient to provide a screen against parasitic currents created at the interface between the first skirt (16) and the end (20) of the first electrically-connecting body (12).

IPC 1-7
H01R 17/12

IPC 8 full level
H01R 9/05 (2006.01); **H01R 13/52** (2006.01); **H01R 13/625** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP)
H01R 9/0521 (2013.01); **H01R 13/52** (2013.01); **H01R 13/625** (2013.01); **H01R 13/629** (2013.01)

Cited by
GB2249224A; GB2249224B; US5389666A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0058580 A1 19820825; **EP 0058580 B1 19860108**; DE 3268341 D1 19860220; FR 2498382 A1 19820723; FR 2498382 B1 19840224

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