

Title (en)

CONNECTOR ARRANGEMENT BETWEEN A FLEXIBLE RIBBON CABLE AND A COMPONENT

Title (de)

VERBINDERANORDNUNG ZWISCHEN EINEM FLEX-FLACHBANDKABEL UND EINER KOMPONENTE

Title (fr)

ENSEMBLE CONNECTEUR DISPOSE ENTRE UN CABLE PLAT FLEXIBLE ET UN COMPOSANT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004040712A1] The invention relates to a connector arrangement, between a flexible ribbon cable (1) and a component (5) of an electrical circuit, whereby the flexible ribbon cable (1) has a stripped conductor region on one side of the end for connection, comprising a housing (2) in which the flexible ribbon cable end is clamped and in which an elastic element (3) subjects the stripped end to pressure. The component (5) comprises a socket (4) for the housing (2), in which the housing (2) may be clipped and with contact strips (6) arranged therein against which the stripped regions of the flexible ribbon cable (1) are pressed, when the housing (2) is in the terminal position thereof within the socket (4).

IPC 8 full level

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Citation (examination)

- JP 2001351706 A 20011221 - YAZAKI CORP
- DE 1920988 A1 19701105 - LOEWE OPTA GMBH
- DE 10115283 C1 20021002 - FCI AUTOMOTIVE DEUTSCHLAND GMB [DE]
- EP 0443655 A1 19910828 - DU PONT [US], et al
- US 5297968 A 19940329 - JOHNSON DAVID C [US], et al
- US 5015197 A 19910514 - REDMOND JOHN P [US], et al
- US 6010359 A 20000104 - ETTERS HARRY N [US], et al
- EP 1248321 A1 20021009 - FRAMATOME CONNECTORS INC [FR]
- US 4740867 A 19880426 - ROBERTS JOSEPH A [US], et al

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