

Title (en)
Electrical Contact element

Title (de)
Elektrisches Kontaktelement

Title (fr)
Élément de contact électrique

Publication
EP 0867974 A3 19990811 (DE)

Application
EP 98104846 A 19980317

Priority
DE 19713152 A 19970327

Abstract (en)
[origin: EP0867974A2] The contact element includes a press-in area for insertion into the drill hole, which comprises a needle eye formed between two elastic contact thighs, and a connection area which joins over a transfer area to the press-in area. The press-in area (2) is formed from at least two layers (5,6) of a metal sheet, which comprise respectively a needle eye (7,8) between two contact thighs (9, 12). The layers are arranged on each other symmetrically to the plane between the layers, and the layers are arched in the area of the needle eye, towards the outer edge (109 to 112) of the contact thighs.

IPC 1-7
H01R 9/09

IPC 8 full level
H01R 12/04 (2006.01); **H01R 12/58** (2011.01); **H01R 13/41** (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01)

CPC (source: EP US)
H01R 12/585 (2013.01 - EP US); **H01R 13/111** (2013.01 - EP US)

Citation (search report)

- [X] US 5374204 A 19941220 - FOLEY WILLIAM F [US], et al
- [A] WO 9005392 A1 19900517 - AMP INC [US]
- [AD] EP 0731526 A2 19960911 - KOSTAL LEOPOLD GMBH & CO KG [DE]

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EP3249751B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0867974 A2 19980930; EP 0867974 A3 19990811; EP 0867974 B1 20030528; DE 19713152 A1 19981008; DE 59808504 D1 20030703; JP H10284153 A 19981023; US 5916000 A 19990629

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EP 98104846 A 19980317; DE 19713152 A 19970327; DE 59808504 T 19980317; JP 9082098 A 19980319; US 4589398 A 19980323