

Title (en)

Electrical connector with solder material reservoir in a contact section

Title (de)

Elektrischer Leiter mit einem Lotdepot an einem Kontaktabschnitt

Title (fr)

Connecteur électrique avec réservoir de brasure dans une région de contact

Publication

EP 1508941 A3 20080305 (DE)

Application

EP 04018799 A 20040807

Priority

DE 10337604 A 20030816

Abstract (en)

[origin: EP1508941A2] The conductor has a solder deposit (3) and an end contact. The solder deposit is attached before the conductor is soldered to a complementary contact. The solder deposit is formed from a sleeve of solderable material, which clinches the end contact. The sleeve preferably has a longitudinal slot and crimps the end contact. An independent claim is included for a method of manufacturing an electrical conductor.

IPC 8 full level

H01R 4/02 (2006.01); **H01R 4/18** (2006.01); **H01R 4/20** (2006.01); **H01R 43/02** (2006.01)

CPC (source: EP)

H01R 4/024 (2013.01); **H01R 43/0235** (2013.01)

Citation (search report)

- [XY] EP 1246300 A2 20021002 - J S T MFG CO LTD [JP]
- [X] EP 0306343 A2 19890308 - RAYCHEM PONTOISE SA [FR]
- [YA] US 5221815 A 19930622 - BOSTOCK PETER A [US], et al
- [X] GB 256377 A 19260812 - GEORGE EARL VICARY
- [A] US 6334798 B1 20020101 - USHIJIMA HITOSHI [JP], et al
- [PX] US 6666732 B1 20031223 - ENDACOTT JOHN E [US]

Cited by

WO2013004434A1; EA027655B1; US9425517B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1508941 A2 20050223; **EP 1508941 A3 20080305**; **EP 1508941 B1 20110209**; AT E498214 T1 20110215; DE 10337604 A1 20050317; DE 502004012170 D1 20110324; ES 2360622 T3 20110607; PL 1508941 T3 20111130

DOCDB simple family (application)

EP 04018799 A 20040807; AT 04018799 T 20040807; DE 10337604 A 20030816; DE 502004012170 T 20040807; ES 04018799 T 20040807; PL 04018799 T 20040807