

Title (en)

APPARATUS INCLUDING ELECTRICAL CONTACTS

Publication

EP 0074630 A3 19850522 (EN)

Application

EP 82108330 A 19820909

Priority

US 30181181 A 19810911

Abstract (en)

[origin: EP0074630A2] This invention relates to apparatus including mating electrical contacts at least one of which comprises a substrate and a contact layer in intimate contact with the said substrate. The contact layer includes a crystallographic phase produced by in situ reaction using energies associated with conventional ambient and involving a reactant present in a substrate together with one introduced externally. The resulting layered chemical compound is a suitable replacement for electroplated gold and serves in make/break switches, connectors, sustained contact elements, etc.

IPC 1-7

H01H 1/02; **H01H 11/04**; **H01R 13/02**

IPC 8 full level

H01H 1/02 (2006.01); **H01H 1/021** (2006.01); **H01H 11/04** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP)

H01H 1/021 (2013.01); **H01H 11/04** (2013.01); **H01R 13/03** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

IT

DOCDB simple family (publication)

EP 0074630 A2 19830323; **EP 0074630 A3 19850522**; EP 0088123 A1 19830914; EP 0088123 A4 19851001; ES 515607 A0 19831216; ES 8401818 A1 19831216; GB 2110197 A 19830615; GB 2110197 B 19850731; JP S58501434 A 19830825; WO 8300945 A1 19830317

DOCDB simple family (application)

EP 82108330 A 19820909; EP 82903006 A 19820826; ES 515607 A 19820909; GB 8225893 A 19820910; JP 50297982 A 19820826; US 8201156 W 19820826