

Title (en)

MEANS PROVIDING DETACHABLE CONTACT BETWEEN TWO CONDUCTORS AND METHOD OF COATING A PIECE OF ALUMINIUM WITH A LAYER OF NICKEL

Publication

EP 0004824 B1 19830302 (FR)

Application

EP 79420015 A 19790326

Priority

FR 7810333 A 19780331

Abstract (en)

[origin: ES478979A1] The invention relates to elements of aluminium, such as bars, sections or apparatus components for forming electrical contacts capable of withstanding mechanical and thermal stressing. The method by which these elements are produced consists in depositing a firmly adhering layer of nickel to the aluminium substrate at least in the contact zone. The quality of the contact is further improved when the nickel-plated element is in contact with a silver-plated element. The elements according to the invention may be used for the production of pin-type contacts and any other devices for making or breaking electrical circuits, such as isolators, circuit breakers, and contactors.

IPC 1-7

H01H 1/02

IPC 8 full level

H01H 1/021 (2006.01); **C25D 7/00** (2006.01); **H01H 11/04** (2006.01); **H01R 12/04** (2006.01)

CPC (source: EP US)

H01H 1/021 (2013.01 - EP US); **Y10S 205/917** (2013.01 - EP US)

Designated contracting state (EPC)

DE GB NL SE

DOCDB simple family (publication)

EP 0004824 A2 19791017; **EP 0004824 A3 19791031**; **EP 0004824 B1 19830302**; BE 875216 A 19791001; CA 1132639 A 19820928; CH 630742 A5 19820630; DE 2964941 D1 19830407; ES 478979 A1 19791116; ES 482845 A1 19800516; FR 2421452 A1 19791026; FR 2421452 B1 19810724; GR 64859 B 19800605; IN 151340 B 19830402; IT 1113210 B 19860120; IT 7921390 A0 19790328; JP S5510789 A 19800125; JP S5729803 B2 19820624; US 4360411 A 19821123; US 4408110 A 19831004

DOCDB simple family (application)

EP 79420015 A 19790326; BE 194318 A 19790330; CA 324713 A 19790330; CH 272779 A 19790323; DE 2964941 T 19790326; ES 478979 A 19790327; ES 482845 A 19790726; FR 7810333 A 19780331; GR 790158703 A 19790327; IN 169DE1979 A 19790312; IT 2139079 A 19790328; JP 3827779 A 19790330; US 17943480 A 19800819; US 22297581 A 19810107