

Title (en)

COMPOUND MATERIAL FOR ELECTRICAL CONTACTS, AND METHOD FOR ITS MANUFACTURE

Publication

EP 0064191 B1 19850710 (DE)

Application

EP 82103195 A 19820415

Priority

DE 3116657 A 19810427

Abstract (en)

[origin: EP0064191A1] 1. A compound material for electrical contacts which consists of at least two components which are mutually insoluble, wherein one of the components is a copper alloy to which at least one active component is added, in particular for low-voltage and wiring switching apparatus, characterised in that the alloying constituent of the copper is at least one element from the group of antimony, gallium and germanium, the antimony content of the alloy being in the range of between 0,01 and 7 atom %, the corresponding gallium content being in the range of between 0,5 and 20 atom %, and the corresponding germanium content being in the range of between 0,5 and 10 atom %.

IPC 1-7

H01H 1/02

IPC 8 full level

C22C 9/00 (2006.01); **H01H 1/02** (2006.01); **H01H 1/025** (2006.01)

CPC (source: EP)

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Cited by

GB2130013A; GB2189077A; GB2189077B; EP0172442A3; CN104117748A; EP0144959A3; CN114427049A; WO2018111680A1; US10468205B2; US10804044B2

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