

Title (en)
CONTACT ELEMENT FOR ELECTRICAL SWITCH CONTACTS

Publication
EP 0227972 B1 19890802 (DE)

Application
EP 86116790 A 19861203

Priority
DE 3543238 A 19851206

Abstract (en)
[origin: EP0227972A1] 1. Contact element for electrical switch contacts, in particular a contact plate for electromagnetic relays, in which a three-layer contact coating whose outermost layer is composed of rhodium and whose centre layer is composed of silver or gold is electrodeposited on a basemetal carrier, characterized in that the lowermost layer of the contact coating is composed of a palladium/nickel alloy containing a proportion of nickel of between 10 % and 40 % and has a thickness between 2 μ m and 10 μ m, in that the centre layer, which is composed of gold or silver, has a thickness of less than 1 μ m and in that the outer rhodium layer has a thickness of between 0.4 μ m and 1 μ m.

IPC 1-7
H01H 1/02

IPC 8 full level
H01H 1/02 (2006.01)

CPC (source: EP)
H01H 1/0201 (2013.01)

Cited by
DE19530512C1

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DOCDB simple family (publication)
EP 0227972 A1 19870708; EP 0227972 B1 19890802; DE 3664833 D1 19890907

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