

Title (en)
CONTACT ELEMENT FOR ELECTRICAL SWITCH CONTACTS

Publication
EP 0247541 B1 19901024 (DE)

Application
EP 87107505 A 19870522

Priority
DE 3617627 A 19860526

Abstract (en)
[origin: EP0247541A1] 1. Contact element for electrical switch contacts, preferably a contact stud for electromagnetic relays, a two-layer contact deposit being galvanically applied on a carrier consisting of non-precious metal, and at least one of the layers containing palladium, characterized in that the inner layer has a thickness of 3 to 5 μm and is formed from an alloy of palladium and an additional component, the additional component comprising a portion of 10 to 50% by weight and at least one element from the group nickel, cobalt and copper, and in that the outer layer has a thickness of 0.1 to 1 μm and is formed from an alloy of palladium-silver or palladium-gold with a silver or gold portion of 10 to 40% by weight.

IPC 1-7
H01H 1/02

IPC 8 full level
H01H 1/02 (2006.01); **H01H 1/023** (2006.01)

CPC (source: EP)
H01H 1/023 (2013.01)

Cited by
DE102009036171B4; US5438175A; EP2216796A1; WO2010089296A1

Designated contracting state (EPC)
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EP 0247541 A1 19871202; EP 0247541 B1 19901024; DE 3765696 D1 19901129

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