

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  $\mu\text{m}$  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  $\mu\text{m}$  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)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0247541 A1 19871202; EP 0247541 B1 19901024**; DE 3765696 D1 19901129

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