

Title (en)
MATERIAL FOR LOW-CURRENT CONTACTS

Publication
EP 0145924 A3 19850807 (DE)

Application
EP 84113310 A 19841106

Priority
DE 3345162 A 19831214

Abstract (en)
[origin: US4579787A] Low voltage current contacts should have good tarnish resistance and resistance to wear at the smallest possible gold content. Such materials consist of 330 to 50 wt. % palladium, 18 to 48 wt. % silver, 19 to 33 wt. % gold, 0.01 to 1 wt. % iridium, osmium, or a mixture of iridium and osmium and either 0.5 to 5 wt. % lead or a mixture of 0.5 to 3 wt. % lead and 0.1 to 3 wt. % tin.

IPC 1-7
H01H 1/02

IPC 8 full level
H01H 1/04 (2006.01); **C22C 5/00** (2006.01); **H01B 1/02** (2006.01); **H01H 1/02** (2006.01); **H01H 1/023** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP US)
H01H 1/023 (2013.01 - EP US); **H01R 13/03** (2013.01 - EP US); **Y10S 428/929** (2013.01 - EP US); **Y10T 428/12875** (2015.01 - EP US)

Citation (search report)
• [A] EP 0027520 A1 19810429 - HERAEUS GMBH W C [DE]
• [A] US 2241262 A 19410506 - WILLIAM KEITEL CHRISTIAN
• [A] DE 1089491 B 19600922 - DEGUSSA
• [A] DE 1078774 B 19600331 - WESTERN ELECTRIC CO
• [A] DE 2540956 A1 19770407 - HERAEUS GMBH W C

Cited by
EP0250958A3

Designated contracting state (EPC)
BE DE FR GB IT NL SE

DOCDB simple family (publication)
DE 3345162 C1 19841115; CA 1218881 A 19870310; DE 3463425 D1 19870604; EP 0145924 A2 19850626; EP 0145924 A3 19850807; EP 0145924 B1 19870429; JP S60146414 A 19850802; US 4579787 A 19860401

DOCDB simple family (application)
DE 3345162 A 19831214; CA 469921 A 19841212; DE 3463425 T 19841106; EP 84113310 A 19841106; JP 26309884 A 19841214; US 67897584 A 19841206