

Title (en)
ELECTRIC CONTACT

Title (de)
ELEKTRISCHER KONTAKT

Title (fr)
CONTACT ELECTRIQUE

Publication
EP 1421651 A2 20040526 (DE)

Application
EP 02794538 A 20020802

Priority
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• EP 0208603 W 20020802

Abstract (en)
[origin: US7015406B2] An electric contact comprises a main body consisting of a copper-based alloy or of stainless steel and a contact layer consisting of a gold-based alloy. The contact layer has a thickness of at least 0.3 mum and consists of gold with a content of 0.5 percent by weight to 15 percent by weight of one or more platinum group metals, and that an intermediate layer consisting of silver or of a silver-based alloy or of nickel is provided between the main body and the contact layer. The contact layer is preferably applied on the main body by a PVD process.

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H01R 3/00

IPC 8 full level
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WO 03015217 A2 20030220; WO 03015217 A3 20040325; AT E345586 T1 20061215; CN 100511852 C 20090708; CN 1559094 A 20041229; DE 10138204 A1 20030227; DE 10138204 B4 20040422; DE 50208722 D1 20061228; EP 1421651 A2 20040526; EP 1421651 B1 20061115; ES 2275942 T3 20070616; JP 2004538369 A 20041224; JP 4636453 B2 20110223; KR 20040043170 A 20040522; PT 1421651 E 20070228; US 2004238338 A1 20041202; US 7015406 B2 20060321

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