

Title (en)
Electric power connectors.

Title (de)
Elektrische Leistungsverbinder.

Title (fr)
Connecteurs électriques de puissance.

Publication
EP 0318831 A2 19890607 (EN)

Application
EP 88119564 A 19881124

Priority
CA 553333 A 19871202

Abstract (en)
Electric power connectors made with at least one contacting component having a gold contacting surface wherein the gold contacting surface is metallurgically bonded to an underlying layer of nickel or nickel-rich alloy . At the contact surface the gold contains a total of about 1-10% by weight nickel with the amount of nickel generally increasing in the direction from the surface to the underlying metal the increase starting at a point inward of and remote from the contacting surface.

IPC 1-7
H01R 13/03

IPC 8 full level
H01H 1/04 (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP)
H01R 13/03 (2013.01)

Cited by
EP1124288A1; EP0531099A3; US5533915A; US11569589B2; USD933014S; USD939442S; US7374460B1; US7867038B2; US8641440B2; US9166323B2; US9705254B2; US10177500B2; US7530855B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0318831 A2 19890607; EP 0318831 A3 19900926; EP 0318831 B1 19920909; AT E80501 T1 19920915; CA 1331325 C 19940809; DE 3874492 D1 19921015; DE 3874492 T2 19930225; ES 2034127 T3 19930401; GR 3005728 T3 19930607; JP H01194218 A 19890804; JP H067452 B2 19940126

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EP 88119564 A 19881124; AT 88119564 T 19881124; CA 553333 A 19871202; DE 3874492 T 19881124; ES 88119564 T 19881124; GR 920402051 T 19920917; JP 30512688 A 19881201