

Title (en)
CONNECTOR PINS FOR ELECTRONIC EQUIPMENT

Title (de)
STECKERSTIFTE FÜR ELEKTRONISCHE BAUGRUPPEN

Title (fr)
FICHES MALES POUR EQUIPEMENT ELECTRONIQUE

Publication
EP 0882143 B1 20040616 (DE)

Application
EP 97903273 A 19970213

Priority
• DE 19606116 A 19960220
• EP 9700673 W 19970213

Abstract (en)
[origin: US5981090A] PCT No. PCT/EP97/00673 Sec. 371 Date Aug. 12, 1998 Sec. 102(e) Date Aug. 12, 1998 PCT Filed Feb. 13, 1997 PCT Pub. No. WO97/31129 PCT Pub. Date Aug. 28, 1997The pin for electronic assemblies according to the present invention consists of a core alloy with 0.2 to 1.5 wt. % Ag, the remainder copper, whereby at least the contact surface of the pin is provided with one or several highly conductive and/or easily solderable coatings. With this not only a higher electric conductivity of the contact is obtained but also a comparatively high strength with simple production and good workability, which makes it possible to miniaturize the pins.

IPC 1-7
C22C 9/00; **B32B 15/01**; **H01R 13/03**

IPC 8 full level
B32B 15/01 (2006.01); **C22C 9/00** (2006.01); **H01B 1/02** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP US)
C22C 9/00 (2013.01 - EP US); **H01B 1/026** (2013.01 - EP US); **H01R 13/03** (2013.01 - EP US); **Y10T 428/12861** (2015.01 - EP US)

Citation (examination)
DIN 17 666

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

DOCDB simple family (publication)
US 5981090 A 19991109; AT E269423 T1 20040715; CN 1081676 C 20020327; CN 1212023 A 19990324; DE 19606116 A1 19970821; DE 59711723 D1 20040722; EP 0882143 A1 19981209; EP 0882143 B1 20040616; ES 2223074 T3 20050216; JP 2000504784 A 20000418; PT 882143 E 20040831; TW 329062 B 19980401; WO 9731129 A1 19970828

DOCDB simple family (application)
US 11783598 A 19980812; AT 97903273 T 19970213; CN 97192414 A 19970213; DE 19606116 A 19960220; DE 59711723 T 19970213; EP 9700673 W 19970213; EP 97903273 A 19970213; ES 97903273 T 19970213; JP 52976297 A 19970213; PT 97903273 T 19970213; TW 86101704 A 19970214