

Title (en)

Connection element for electrical conductors with a circuit board

Title (de)

Verbindungselement für elektrische Leiter mit einer Leiterplatte

Title (fr)

Élément de raccordement pour conducteurs électriques avec une plaque conductrice

Publication

EP 2246939 B1 20110831 (DE)

Application

EP 10004372 A 20100424

Priority

DE 202009006254 U 20090429

Abstract (en)

[origin: US2010279523A1] In order to separably connect an electric conductor (16) to a printed circuit board (2), it is proposed to insert a connecting element (1) into an opening (3) in the printed circuit board (2). In this case, a sleeve-like contact region (21) of the connecting element (1) is clamped against the inner surface (4) of the opening (3) by means of a clamping pin (7).

IPC 8 full level

H01R 12/70 (2011.01); **H01R 12/55** (2011.01); **H01R 12/58** (2011.01); **H01R 12/71** (2011.01)

CPC (source: EP US)

H01R 11/28 (2013.01 - EP US); **H01R 12/585** (2013.01 - EP US); **H01R 12/7011** (2013.01 - EP US); **H01R 13/50** (2013.01 - EP US); **H01R 13/502** (2013.01 - EP US); **H01R 43/16** (2013.01 - EP US)

Cited by

DE102013214232A1; DE102012018565B4; DE102014114416A1; WO2016050538A1; DE102013107508A1; US9640881B2; DE102013220462A1; WO2015051778A2; US9893443B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

US 2010279523 A1 20101104; **US 8075322 B2 20111213**; AT E522954 T1 20110915; CA 2701432 A1 20101029; CA 2701432 C 20130226; CN 101944661 A 20110112; CN 101944661 B 20130619; DE 202009006254 U1 20090716; DK 2246939 T3 20120102; EP 2246939 A1 20101103; EP 2246939 B1 20110831; ES 2370200 T3 20111213; JP 2010262926 A 20101118; JP 5065437 B2 20121031; PL 2246939 T3 20120131

DOCDB simple family (application)

US 76399910 A 20100420; AT 10004372 T 20100424; CA 2701432 A 20100427; CN 201010278410 A 20100429; DE 202009006254 U 20090429; DK 10004372 T 20100424; EP 10004372 A 20100424; ES 10004372 T 20100424; JP 2010103020 A 20100428; PL 10004372 T 20100424