

Title (en)

Metal contact element for an electric contact assembly

Title (de)

Metallisches Kontaktelement für eine elektrische Kontaktanordnung

Title (fr)

Élément de contact métallique pour un agencement de contact électrique

Publication

**EP 1898496 B1 20100922 (DE)**

Application

**EP 07112126 A 20070710**

Priority

DE 102006041978 A 20060907

Abstract (en)

[origin: EP1898496A1] The metallic contact element (1) has a contacting section (2) and a fixing section for connecting with a printed circuit board (16). The fixing section has two flexible shanks (5, 6) of different lengths, which extend parallel to each other in a direction away from the contacting section. The longer shank (5) is formed such that, under compressive load. The shorter shank (6) of the overlapping end section (10) bends in the direction of the contacting section. The longer shank bends away from the shorter shank and the shorter shank with its end section bends away from the longer shank. An independent claim is also included for an electrical contact arrangement with a printed circuit board and a metallic contact element, which has two shanks.

IPC 8 full level

**H01R 12/51** (2011.01); **H01R 4/06** (2006.01); **H01R 12/58** (2011.01)

CPC (source: EP)

**H01R 4/06** (2013.01); **H01R 12/58** (2013.01)

Cited by

JP2022059943A; WO2008116687A1; WO2022071364A1; EP2130418B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1898496 A1 20080312**; **EP 1898496 B1 20100922**; AT E482495 T1 20101015; DE 102006041978 A1 20080327; DE 502007005128 D1 20101104

DOCDB simple family (application)

**EP 07112126 A 20070710**; AT 07112126 T 20070710; DE 102006041978 A 20060907; DE 502007005128 T 20070710