

Title (en)
Contact element with spring tongue

Title (de)
Kontaktelement mit Federzunge

Title (fr)
Élément de contact ayant une languette élastique

Publication
EP 1420482 A3 20061102 (EN)

Application
EP 03024827 A 20031031

Priority
• EP 03024827 A 20031031
• EP 02025436 A 20021115

Abstract (en)
[origin: EP1420482A2] A contact element (1) has a contact body (2). A contact arrangement (3) is attached to the contact body (2). The contact arrangement (3) has a spring tongue (9). The spring tongue (9) has a free end with a locking face (29) for securing the contact element (1) in a contact housing (17). The locking face (29) is moveable between a locked position and an assembly position. The spring tongue (9) has first and second retention tongues (10, 7). The first retention tongue (10) extends laterally to a longitudinal direction of the spring tongue (9) and engages an opening (13) in the contact body (2) when the locking face (29) is in the locked position. The second retention tongue (7) extends perpendicular to the spring tongue (9) for engagement with the contact housing (17) when the locking face (29) is in the locked position.

IPC 8 full level
H01R 13/428 (2006.01); **H01R 13/11** (2006.01); **H01R 13/115** (2006.01); **H01R 13/187** (2006.01)

CPC (source: EP)
H01R 13/113 (2013.01); **H01R 13/432** (2013.01); **H01R 13/187** (2013.01)

Citation (search report)
• [XA] EP 1215763 A1 20020619 - TYCO ELECTRONICS AMP GMBH [DE]
• [A] US 2002076999 A1 20020620 - CHEN PING [US]

Cited by
DE102007008941B3; EP1962386A3; US9666969B2; WO2013156216A1; EP1962386A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1420482 A2 20040519; EP 1420482 A3 20061102; EP 1420482 B1 20130515

DOCDB simple family (application)
EP 03024827 A 20031031