

Title (en)  
Hermetic two-pole or multipole electrical connector

Title (de)  
Luftdichter zweipoliger oder mehrpoliger Stecker

Title (fr)  
Connecteur électrique multipolaire ou bipolaire hermétique

Publication  
**EP 2144336 A1 20100113 (EN)**

Application  
**EP 09163994 A 20090629**

Priority  
IT PD20080197 A 20080630

Abstract (en)  
A hermetic two-pole or multipole electrical connector (10) comprising a central engagement portion (11) for at least two electrical terminals (12, 13), from which a corresponding number of laterally adjacent tubular parts (14, 15), at least one first male tubular part (14) and at least one first female tubular part (15), protrude so as to surround the terminals (12, 13), each one of the tubular parts (14, 15) being designed to mate with a corresponding tubular part (14a, 15a) of an associated similar electrical connection element. A hermetic containment and closure portion (16) extends from the central portion (11) for the segments (17, 18) for crimping the terminals (12, 13) to the respective electrical cables (19, 20); the portion (16) is formed by two half-shells (21, 22) hinged to the central portion (11).

IPC 8 full level  
**H01R 13/50** (2006.01); **H01R 13/52** (2006.01); **H01R 13/527** (2006.01); **H01R 24/84** (2011.01)

CPC (source: EP)  
**H01R 13/501** (2013.01); **H01R 13/5202** (2013.01); **H01R 13/527** (2013.01); **H01R 24/84** (2013.01)

Citation (applicant)  
EP 0549269 A1 19930630 - SUMITOMO WIRING SYSTEMS [JP]

Citation (search report)  
• [Y] EP 0549269 A1 19930630 - SUMITOMO WIRING SYSTEMS [JP]  
• [Y] DE 8707518 U1 19870813  
• [A] EP 0949723 A1 19991013 - CARRIER KHEOPS BAC SA [FR]  
• [A] EP 1487064 A1 20041215 - TYCO ELECTRONICS AMP GMBH [DE]  
• [A] DE 19942927 A1 20000323 - YAZAKI CORP [JP]

Cited by  
EP2688151A1; DE102012212430A1; DE102012212430B4; US11616324B2; US10574006B2; WO2017191586A1; US11374351B2; US11616320B2; EP3518349B1

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 TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2144336 A1 20100113**; **EP 2144336 A8 20100331**; **EP 2144336 B1 20110309**; AT E501533 T1 20110315; DE 602009000830 D1 20110421; IT PD20080197 A1 20100101

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