

Title (en)

Lead frame for electrical contact module, electrical connector and contact assembly

Title (de)

Leiterträger für elektrisches Kontaktmodul, elektrischer Verbinder und Kontaktvorrichtung

Title (fr)

Châssis de conducteurs pour module de contact électrique, connecteur électrique et dispositif de contact

Publication

EP 1930993 B1 20090826 (EN)

Application

EP 06025471 A 20061208

Priority

EP 06025471 A 20061208

Abstract (en)

[origin: EP1930993A1] The invention concerns an electrical connector a lead-frame and a contact assembly, the electrical connector comprising a housing and a plurality of contact modules in said housing. Each of the contact modules comprises a mating edge and a mounting edge, each mating and mounting edge having a row of contacts. Each mating edge contact is electrically connected to a corresponding mounting edge contact by conductors extending along a predetermined path within the contact module to form a lead frame in each contact module. The conductors of several contact modules are arranged in a matrix of columns and rows when seen in a cross-sectional view through the lead-frame. The connectors in the contact module have different mechanical lengths and individual different widths, the widths of each conductor depending on the conductors mechanical length.

IPC 8 full level

H01R 13/646 (2011.01)

CPC (source: EP)

H01R 13/514 (2013.01); **H01R 13/6474** (2013.01); **H01R 13/6587** (2013.01)

Cited by

US8550832B2; WO2010132739A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1930993 A1 20080611; **EP 1930993 B1 20090826**; AT E441227 T1 20090915; DE 602006008810 D1 20091008; ES 2330247 T3 20091207; PL 1930993 T3 20091231

DOCDB simple family (application)

EP 06025471 A 20061208; AT 06025471 T 20061208; DE 602006008810 T 20061208; ES 06025471 T 20061208; PL 06025471 T 20061208