

Title (en)
ELECTRICAL CONTACT TERMINAL AND MULTI-CONTACT CONNECTOR

Publication
EP 0052973 B1 19860212 (EN)

Application
EP 81305304 A 19811109

Priority
• US 20872480 A 19801120
• US 20873480 A 19801120

Abstract (en)
[origin: EP0052973A2] An electrical contact terminal (2) of the type contained in a connector housing (46) comprises a yoke portion (4) having extending therefrom, a contact arm (6) and a spring arm (8). The contact arm (6) has an electrical contact portion (34) on one side thereof and a bearing portion (32) on the other side which bears against a bearing portion (44) on the spring arm (8). When the contact arm (6) is flexed toward the spring arm (8) by a mating part, such as a circuit board (24), the contact force is developed in the spring arm (8) and the contact arm (6) serves primarily as a conductor. The terminal (2) and the contact arm 6 serves primarily as a conductor. The terminal 2 is produced by stamping sheet metal without subsequent bending, so that all parts of the terminal lie in the plane of the sheet metal from which it was produced. Terminals of the type described are used in electrical connectors for printed circuit boards which are also described.

IPC 1-7
H01R 23/72; H01R 23/68; H05K 7/10

IPC 8 full level
H01R 12/16 (2006.01)

CPC (source: EP)
H01R 12/88 (2013.01)

Cited by
EP0197623A3; US5015196A; US4959029A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0052973 A2 19820602; **EP 0052973 A3 19821229**; **EP 0052973 B1 19860212**; CA 1170323 A 19840703; DE 3173783 D1 19860327; MY 8800058 A 19881231

DOCDB simple family (application)
EP 81305304 A 19811109; CA 389350 A 19811103; DE 3173783 T 19811109; MY 8800058 A 19881230