

Title (en)
Casing for through type electrical connector

Title (de)
Gehäuse für elektrischen Verbinder vom Durchführungstyp

Title (fr)
Boîtier pour connecteur électrique du type à traversée

Publication
EP 1059696 A3 20010502 (EN)

Application
EP 00112025 A 20000602

Priority
IT TO990493 A 19990608

Abstract (en)
[origin: EP1059696A2] A casing (1) for a through type electrical connector (2), the casing being fitted through a through hole (5) in a panel (3) into a lock position, and having a U-shaped outer peripheral flange (8) resting against the panel (3) in the lock position; a number of outer radial engaging members (12a,12b,12c), which define, with the flange (8), respective U-shaped recesses for receiving the panel (3), and are inserted, in an axial insertion direction (I), inside respective grooves (14) having complementary profiles and formed in a lateral edge (15) of the hole (5); and two flexible retaining members (16) extending in the same plane from respective opposite ends of the flange (8), and having respective end projections (18) cooperating with the lateral edge (15) of the hole (5) on the diametrically opposite side to one (12a) of the engaging members (12a,12b,12c) to fix the casing (1) radially with respect to the panel (3) in the lock position; the recesses (13) having respective openings (17), for insertion of the panel (3), facing in an engaging direction (E) crosswise to the insertion direction (I) to permit translation of the casing (1) in the engaging direction (E) when fitting the casing (1) inside the hole (5). <IMAGE>

IPC 1-7
H01R 13/52; **H01B 17/30**; **H01R 13/74**

IPC 8 full level
H01R 13/74 (2006.01); **H01R 13/625** (2006.01)

CPC (source: EP)
H01R 13/74 (2013.01); **H01R 13/625** (2013.01)

Citation (search report)

- [A] US 5407363 A 19950418 - POLGAR GARY E [US], et al
- [A] US 4029953 A 19770614 - NATOLI RICHARD A
- [A] US 3912355 A 19751014 - CURADO LEONARD L, et al
- [A] US 5403214 A 19950404 - TIRRELL PAUL T [US]

Cited by
EP2151897A1; JP2018206520A

Designated contracting state (EPC)
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EP 1059696 A2 20001213; **EP 1059696 A3 20010502**; **EP 1059696 B1 20030820**; AT E247872 T1 20030915; DE 60004607 D1 20030925; DE 60004607 T2 20040617; IT 1308088 B1 20011129; IT TO990493 A1 20001208

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