

Title (en)

Vibration proof electrical connector housing.

Title (de)

Vibrationsbeständiges elektrisches Verbindergehäuse.

Title (fr)

Boîtier de connecteur électrique résistant aux vibrations.

Publication

EP 0632536 A1 19950104 (EN)

Application

EP 94110036 A 19940628

Priority

- GB 9313394 A 19930629
- GB 9317929 A 19930826

Abstract (en)

An electrical connector (2,200) comprises an electrical receptacle terminal (10,238) enclosed in insulating housing (8,220). The terminal (10,238) is enclosed in a passage (64,230) in the housing (8,220), the passageway having a flexible wall section (80,264). Camming surfaces (174,176, 269,282) compress the flexible wall section (80,264) to produce an interference fit between the flexible wall sections and the terminal (10,238). Movement of the terminal (10,238) within the passage (64,230) is thereby avoided when the mating connectors (4,6) are subjected to vibration.

<IMAGE>

IPC 1-7

H01R 13/533

IPC 8 full level

H01R 13/533 (2006.01); **H01R 13/62** (2006.01)

CPC (source: EP)

H01R 13/533 (2013.01); **H01R 13/62** (2013.01)

Citation (search report)

- [X] US 3924922 A 19751209 - DECENZO HERBERT A
- [PX] DE 4238321 A1 19940519 - BOSCH GMBH ROBERT [DE]
- [DA] EP 0492479 A2 19920701 - AMP INC [US]
- [A] EP 0125786 A2 19841121 - MOLEX INC [US]

Cited by

DE19642390B4; CN109728476A; EP0698946A1; US5613867A; DE19530335A1; DE19530335B4; DE10102137A1; DE10102137B4; DE19530505A1; DE19530505B4; EP0776066B1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

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