

Title (en)

Breakaway electrical connector.

Title (de)

Abschaltender elektrischer Verbinder.

Title (fr)

Connecteur électrique à détachement rapide.

Publication

EP 0334609 B1 19940615 (EN)

Application

EP 89302800 A 19890321

Priority

- GB 8807006 A 19880324
- GB 8826629 A 19881115

Abstract (en)

[origin: EP0334609A1] An electrical breakaway connector for such uses as with aircraft pilot's helmets includes a mounting fixture (140) to mount the connector to the base of the aircraft. The electrical connector includes data and power contacts within a dielectric housing (30, 60) of the electrical connector, surrounded by a rigid metallic shell (4) which forms an outer housing. The metallic shell includes at the mounting end thereof a swivel joint defined by a ball and socket (140) arrangement which allows the entire connector to swivel and to align itself with a discharge angle of the cable of the mating connector during quick disconnect thereby allowing a smooth release of the two mated connectors.

IPC 1-7

H01R 13/629; H01R 13/635

IPC 8 full level

H01R 13/635 (2006.01)

CPC (source: EP)

H01R 13/635 (2013.01)

Cited by

USRE39093E; EP0896394A1; FR2767230A1; DE102012212346A1; DE102012212346B4; US6872883B2; US6303857B1; US9935410B2; US7114966B2; US9502824B2; WO0231709A1; US9118158B2; US9819119B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0334609 A1 19890927; EP 0334609 B1 19940615; DE 68916076 D1 19940721; DE 68916076 T2 19950105

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