

Title (en)

High voltage current connector operating in vacuum

Title (de)

Im Vakuum operierender Hochspannungsstromverbinder

Title (fr)

Connecteurs pour courants hautes tensions fonctionnant dans le vide

Publication

EP 1300913 B1 20070131 (FR)

Application

EP 01402570 A 20011005

Priority

FR 0012701 A 20001005

Abstract (en)

[origin: FR2815187A1] The connector comprises an outer metallic envelope (1) forming the earth contact, and an inner dielectric envelope (2). The cylindrical envelopes are placed coaxially around the cables. The connector for electrical cables comprises an outer metallic envelope (1) forming the earth contact, connected to the metallic sleeve of the cables. Inside this there is a dielectric envelope (2). The two envelopes are both cylindrical, and are placed coaxially around the cables to be connected and include seals in order to form a sealed cavity between the insulating envelope and the insulating sleeve of the cables. The connection may be formed by two tubes, the outer one being a metallic conductor and the inner one being an insulating dielectric. The seal is provided by gripping the insulating sleeve of the cable.

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2815187 A1 20020412; **FR 2815187 B1 20021213**; DE 60126411 D1 20070322; DE 60126411 T2 20071115; EP 1300913 A1 20030409; EP 1300913 B1 20070131; US 6485331 B1 20021126

DOCDB simple family (application)

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