

Title (en)

Electrical over stress device and connector

Title (de)

Gerät zum Schutz gegen elektrische Überbeanspruchung und Verbinder

Title (fr)

Dispositif de protection contre les surcharges électriques et connecteur

Publication

**EP 0577311 B1 19970820 (EN)**

Application

**EP 93304852 A 19930622**

Priority

- US 90661092 A 19920630
- US 90681392 A 19920630

Abstract (en)

[origin: EP0577311A1] A device (24) for protecting against electrical over stress (EOS) of electrical components includes first contacts (50, 56) that interconnect to signal contacts (18) of a connector (12) and a second contacts (68) that connect to the ground circuit (20) of the connector (12), with a rigid plastic housing (26) holding the device contacts so that ends (55, 65) have a precise spacing gap (71), the gap being filled with a material matrix (72) of insulating and conductive materials having characteristics in conjunction with the gap (71) to define transit voltage suppression by grounding the signal contacts (18) of a connector (12). The device (24) is made bendable to fit onto connectors and conform to the connector geometry. <IMAGE> <IMAGE>

IPC 1-7

**H01R 13/66**

IPC 8 full level

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CPC (source: EP)

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