

Title (en)

Dielectric structures in connectors

Title (de)

Dielektrische Strukturen in Verbindern

Title (fr)

Structures diélectriques dans des connecteurs

Publication

EP 1303010 B1 20050413 (EN)

Application

EP 01124569 A 20011015

Priority

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Abstract (en)

[origin: EP1303010A1] The invention relates to the use of a specific polymeric material for various dielectric structures in electrical connectors such as connectors for coaxial cables. These structures must on the one hand be able to withstand large forces both during mounting of the connector on the cable, provide a stable attachment of the various parts of the connector over wide temperature ranges and occasionally at the presence of various chemical agents and at the same time have appropriate electrical characteristics. Especially for high frequency connectors the dielectric constant of such structures must be kept sufficiently low in order to yield satisfactory high frequency transmission through the connector. The invention thus discloses the application of a specific material for these purposes and a connector in which this material has been applied. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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