

Title (en)

FLEXIBLE CABLE CONNECTOR, FLEXIBLE CABLE ADAPTER, AND FLEXIBLE CABLE

Title (de)

FLEXIBLER KABELVERBINDER, FLEXIBLER KABELADAPTER SOWIE FLEXIBLES KABEL

Title (fr)

CONNECTEUR DE CÂBLE FLEXIBLE, ADAPTATEUR DE CÂBLE FLEXIBLE ET CÂBLE FLEXIBLE

Publication

**EP 3509167 A4 20200325 (EN)**

Application

**EP 17845804 A 20170602**

Priority

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- JP 2017020593 W 20170602

Abstract (en)

[origin: EP3509167A1] The objective of the present invention is to provide a flexible cable connector, a flexible cable adapter, and a flexible cable, wherein characteristic impedance matching in a high frequency band between a pad portion from the flexible cable and contact terminals from the connector has been improved to suppress reflection, thereby reducing the occurrence of a return loss or an insertion loss. The structure for connecting the flexible cable 110 and the flexible cable connector 120 is characterized in that the structure further comprises a high frequency property improving portion 102 formed from an electric conductive resin that is disposed in the surroundings of the flexible cable 110 or the flexible cable connector 120, and in that the high frequency property improving portion 102 and a plurality of conductors 111 disposed in the pad portion 113 of the flexible cable 110 are separated from one another by a base material 112 formed from an insulating material.

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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