

Title (en)

High frequency transmission line capable of improving an intermodulation distortion characteristic in a high frequency device

Title (de)

Hochfrequenz-Übertragungsleitung zur Verbesserung der Intermodulationsverzerrungscharakteristik einer Hochfrequenzvorrichtung

Title (fr)

Ligne de transmission haute fréquence capable d'améliorer la caractéristique de la distorsion d'intermodulation d'un dispositif haute fréquence

Publication

EP 0863568 A2 19980909 (EN)

Application

EP 98104060 A 19980306

Priority

JP 5271197 A 19970307

Abstract (en)

In a high frequency transmission line having a dielectric substrate and a conductor line which is provided on the dielectric substrate for allowing electric current to flow therethrough, the conductor line has a non-grain-boundary oxide superconductor layer with twin walls but without grain boundaries. The high frequency transmission line is in the form of a plane circuit. It is preferable that an oriented oxide superconductor layer is provided between the dielectric substrate and the non-grain-boundary oxide superconductor layer. <IMAGE>

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IPC 8 full level

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