

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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