

Title (en)

DEVICE FOR TRANSMITTING A SIGNAL TO A WAVEGUIDE

Title (de)

VORRICHTUNG ZUM ÜBERTRAGEN EINES SIGNALS AN EINEN WELLENLEITER

Title (fr)

DISPOSITIF DE TRANSMISSION D'UN SIGNAL À UN GUIDE D'ONDES

Publication

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Application

EP 20824946 A 20201218

Priority

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Abstract (en)

[origin: WO2021123224A1] The present invention relates to a device for transmitting a signal between a waveguide (14) and a printed circuit board (12), the device (15) comprising a first access means (16) and a second access means for the signal to be transmitted, a conductor track (29) forming the first access means (16), a printed circuit board (12) comprising a substrate (24), and a transition element. The element comprises an upper ground plane (30) and a lower ground plane that is intended to be in direct contact with the waveguide (14), the lower ground plane comprising a slot forming the second access means of the transmission device (15), one of the upper ground plane (30) and the lower ground plane being connected to the conductor track (29).

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