

Title (en)

BALUN, IN PARTICULAR DC AND/OR AUDIO FREQUENCY OUTPUT TO AN HF PATH USING A BALUN

Title (de)

SPERRTOPF, INSBESONDERE GLEICHSPANNUNGS- UND/ODER NF-AUSKOPPLUNG AUF EINER HF-STRECKE UNTER VERWENDUNG EINES SPERRTOPFES

Title (fr)

SYSTÈME DE RADIATION HORIZONTALE BLOQUÉE, EN PARTICULIER DÉCOUPLAGE À TENSION CONTINUE ET/OU À BASSE FRÉQUENCE SUR UN TRONÇON HAUTE FRÉQUENCE EN UTILISANT UN SYSTÈME À RADIATION HORIZONTALE BLOQUÉE

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Application

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Abstract (en)

[origin: WO2015139812A1] The invention relates to an improved balun arrangement, which is characterized among others by the following features: - a second balun (ST2) is arranged in the interior (ST-19) of the first balun (ST1), - the second balun (ST2) has a balun base (ST-15) at one end face of the second balun and an opening face (ST-27) at the opposite end face, - the second balun (ST2) is arranged in the interior (ST-19) of the first balun such that the second balun base (ST-15) and opening face (ST-27) are rotated by 180° relative to the first balun (ST1), - a lateral spacer (SA) which runs transversely or perpendicularly to the central axis (ST-07) is formed between the second balun outer conductor (ST-25) and the first balun outer conductor (ST-05), wherein the second or inner balun (ST2) is galvanically separated from the first balun (ST1) by means of said lateral spacer, and - the first and the second balun (ST1, ST2) are connected solely via a galvanic connection between the base (ST-29) of the second balun (ST2) and the inner conductor (ST-03) which passes through the base (ST-29) of the second balun (ST2).

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