

Title (en)

FEEDING OR DECOUPLING DEVICE FOR A COAXIAL LINE, ESPECIALLY FOR A MULTIPLE COAXIAL LINE

Title (de)

SPEISE- ODER AUSKOPPELVORRICHTUNG FÜR KOAXIALLEITUNG, INSBESONDERE FÜR MEHRFACH- KOAXIALLEITUNG

Title (fr)

DISPOSITIF D'ALIMENTATION OU DE DECOUPLAGE POUR LIGNE COAXIALE, NOTAMMENT POUR LIGNE COAXIALE MULTIPLE

Publication

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Application

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Abstract (en)

[origin: WO0069015A1] A feeding or decoupling device for coaxial lines has a spur line (SL) which is short-circuited at the end. The aim of the invention is to provide at least one simple coaxial line with a broadband connection between the inner and outer conductor or to provide at least one simple coaxial line with a corresponding, at least narrow band, preferably also broadband, short circuit connection between the inner and outer conductor. To this end, at least two interwoven coaxial spur lines (SL1, SL2) are provided preferably, said spur lines each being short-circuited at the end with a short circuit (KS1, KS2) and the length of the spur lines being measured in such a way that the appropriate short circuit (KS1, KS2) is transformed to no-load at the feeding and connecting point (46) according to the frequency band range.

IPC 8 full level

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