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

EP 00931081 A 20000427

Priority

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Abstract (en)

[origin: US6509815B1] A feed or output-coupling apparatus for coaxial lines has a spur line which is short-circuited at the end. In order, at least in the case of a single coaxial line, to allow a broadband connection of the inner conductor to the outer conductor, or at least in the case of a multiple coaxial line, to allow a corresponding short-circuiting connection between the inner conductor and outer conductor at least in a narrowband form, at least two interleaved coaxial spur lines are provided. Each spur line is short-circuited at their respective ends via a short-circuit with their lengths being dimensioned such that the associated short-circuit at the feed and connecting point is transformed to an open circuit, depending on the respectively appropriate frequency band range.

IPC 1-7

H01P 5/12; H01P 3/06; H01Q 5/00

IPC 8 full level

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CPC (source: EP KR US)

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