

Title (en)

METHOD AND APPARATUS FOR SEPARATING CHANNELS FROM A RADIO FREQUENCY TRANSMITTER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KANALTRENNUNG EINES HOCHFREQUENZSENDERS

Title (fr)

PROCEDE ET APPAREIL PERMETTANT D'ESPACER LES CANAUX D'UN POSTE DE RADIOTRANSMISSION

Publication

**EP 0660983 A4 20000913 (EN)**

Application

**EP 94913925 A 19940322**

Priority

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Abstract (en)

[origin: WO9424772A1] A method and apparatus are provided for separating spectrally diverse radio frequency signals. The apparatus includes means, within a signal transfer module (23), for transferring an input signal received at a first port of the signal transfer module (23) to a second port of the signal transfer module. At least one frequency selective assembly (37, 24) is included, interconnected with the second port of the signal transfer module, presenting a characteristic impedance to a desired signal of the input signal and reflecting of their signals of the input signal to the second port of the frequency transfer module. A means, within the signal transfer module for transferring a reflected signal received at the second port of the signal transfer module to a third port of the signal transfer module is also included. A first antenna (31) is interconnected with the frequency selective cavity assembly for transmission of the desired signal. A second antenna (30) is interconnected with the third port of the signal transfer module for transmission of the other signals. The method of practising the invention is also provided.

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CPC (source: EP KR)

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Citation (search report)

- [A] EP 0399206 A1 19901128 - MOTOROLA INC [US]
- See references of WO 9424772A1

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DOCDB simple family (publication)

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