

Title (en)

BANDPASS FILTER TUNABLE TO A PREDETERMINED NUMBER OF DISCRETE FREQUENCIES IN A BROAD FREQUENCY BAND

Publication

EP 0053986 A3 19820721 (FR)

Application

EP 81401956 A 19811209

Priority

FR 8026217 A 19801210

Abstract (en)

[origin: US4472695A] PCT No. PCT/FR81/00158 Sec. 371 Date Aug. 5, 1982 Sec. 102(e) Date Aug. 5, 1982 PCT Filed Dec. 9, 1981. Coaxial filter having at least one of the internal and external conductors which is divided into sections (S1 to S4) separated by breaks having to form of annular slits whose thickness is very slight in relation to the wavelength. Each section comprises at least one reactive tuning element such as an open or short-circuited coaxial line portion and at least one switch element located in the vicinity of the corresponding break in order selectivity to short-circuit the said break or bring about the insertion of the corresponding reactive tuning element in response to electronic control devices. Application to telecommunications.

IPC 1-7

H01P 1/202

IPC 8 full level

H01P 1/202 (2006.01); **H01P 7/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [Y] US 3444485 A 19690513 - OKEAN HERMAN C
- [Y] US 3927347 A 19751216 - FARNEY GEORGE K

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