

Title (en)

ARRANGEMENT FOR THE TRANSMISSION OF DIRECTIONAL RADIO-SIGNALS IN TWO OR MORE FREQUENCY BANDS

Publication

**EP 0224917 B1 19920311 (DE)**

Application

**EP 86116791 A 19861203**

Priority

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Abstract (en)

[origin: EP0224917A1] This arrangement is intended to reduce the number of aerial leads (waveguides) necessary for a dual-band or multi-band aerial. For this purpose the invention provides for a wideband polarisation separator (2) which can be switched in at the aerial exciter of a dual-band or multi-band aerial for all frequency bands, which is connected via two waveguides (3) of suitable type each for the same polarisation of the microwave frequency bands, each with a frequency separator (4, 5) for each polarisation. <IMAGE>

IPC 1-7

**H01P 1/161**; **H01P 1/213**

IPC 8 full level

**H01P 1/161** (2006.01); **H01P 1/213** (2006.01)

CPC (source: EP)

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Cited by

FR2618261A1; EP2688138A1; FR2993715A1; US9306293B2; WO2015185150A1

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**EP 0224917 A1 19870610**; **EP 0224917 B1 19920311**; AU 589236 B2 19891005; AU 6614486 A 19870611; DE 3684250 D1 19920416; FI 82322 B 19901031; FI 82322 C 19910211; FI 864972 A0 19861205; FI 864972 A 19870607; YU 201586 A 19881231

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**EP 86116791 A 19861203**; AU 6614486 A 19861205; DE 3684250 T 19861203; FI 864972 A 19861205; YU 201586 A 19861125