Title (en)

Superheterodyne receiver for two microwave signals with two opposite circular polarizations.

Title (de)

Superheterodynempfänger zweier Mikrowellensignale gegensinniger Zirkularpolarisation.

Title (fr)

Dispositif de réception, à guide d'onde et circuits superhétérodynes, de deux signaux hyperfréquences à polarisation de sens inverses.

Publication

EP 0228947 A1 19870715 (FR)

Application

EP 86402728 A 19861209

Priority

FR 8518255 A 19851210

Abstract (en)

Device for simultaneous reception of waves circularly polarised in opposite senses with waveguide means transforming the circularly polarised waves into linearly polarised waves of opposing senses or differing directions, and, for each linearly polarised wave, a circuit (231, 241) of the superheterodyne type. The two circuits (231, 241) comprise a common local oscillator (25). <IMAGE>

Abstract (fr)

Dispositif de réception simultanée d'ondes à polarisation circulaire en sens inverses avec des moyens à guide d'onde transformant les ondes à polarisation circulaire en ondes à polarisation rectiligne de sens opposés ou de directions différentes, et, pour chaque onde à polarisation rectiligne, un circuit (231, 241) du type superhétérodyne. Les deux circuits (231, 241) comportent un oscillateur local commun (25).

IPC 1-7

H01P 1/17

IPC 8 full level

H01P 1/17 (2006.01)

CPC (source: EP)

H01P 1/173 (2013.01)

Citation (search report)

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