

Title (en)
RECEIVING DEVICE FOR MICROWAVE SIGNALS

Publication
EP 0257544 A3 19881207 (DE)

Application
EP 87112028 A 19870819

Priority
DE 3628583 A 19860822

Abstract (en)
[origin: EP0257544A2] Because of the geometry of a stripline antenna, this antenna can receive horizontally and vertically polarised signals (PM, PU). The received vertically polarised energy signals (PU) and the horizontally polarised data signals (PM) are demodulated separately and further processed. The energy signals are available as an operating voltage (UB) after a combined detector and voltage doubling circuit (D1,D2). The data signals are further processed as a modulated DC voltage after demodulation (D3). <IMAGE>

IPC 1-7
H01Q 1/38; H01Q 21/24

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/08** (2006.01); **H01Q 21/24** (2006.01); **H01Q 23/00** (2006.01); **H01Q 25/00** (2006.01); **H04B 1/18** (2006.01); **H04L 27/06** (2006.01)

CPC (source: EP US)
H01Q 1/248 (2013.01 - EP US); **H01Q 9/0407** (2013.01 - EP US); **H01Q 25/001** (2013.01 - EP US)

Citation (search report)
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• [Y] N.T.I.S. TECH NOTES, Februar 1984, A-K, Springfield, Virginia, US; "Printed circuit converts RF energy to dc power"
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• [A] IEEE AP-S INTERNATIONAL SYMPOSIUM 1981 SYMPOSIUM DIGEST, Los Angeles, Mai 1981, Band 1, Seiten 363-365, IEEE, New York, US; Y. SAZANAMI et al.: "Broadbanding of microstrip antennas by orthogonal polarizations"

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Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0257544 A2 19880302; EP 0257544 A3 19881207; EP 0257544 B1 19930609; DE 3628583 A1 19880310; DE 3628583 C2 19931209; DE 3786124 D1 19930715; JP 2812680 B2 19981022; JP S6354023 A 19880308; US 4918749 A 19900417

DOCDB simple family (application)
EP 87112028 A 19870819; DE 3628583 A 19860822; DE 3786124 T 19870819; JP 20737287 A 19870820; US 8806287 A 19870821