

Title (en)
Angular-diversity device

Title (de)
Winkeldiversityanordnung

Title (fr)
Dispositif à diversité angulaire

Publication
EP 0422431 B1 19961227 (DE)

Application
EP 90118209 A 19900921

Priority
DE 3933683 A 19891009

Abstract (en)
[origin: EP0422431A2] 2.1 It is intended to specify an angular-diversity system which permits reception of the transmitted signals with a low error probability during multipath propagation in a radio field. 2.2 A main beam lobe, which is oriented in the main propagation direction of the waves and consists of at least one wave type with a symmetrical field distribution, is generated in an antenna supply system (1, 2, 3, 4, 5, 6). Two sidelobes, which are spread in a plane with respect to the main beam lobe, are formed from waves polarised at right angles to one another, having an antisymmetrical field distribution. <IMAGE>

IPC 1-7
H01Q 25/04; **H01Q 21/24**

IPC 8 full level
H01Q 21/24 (2006.01); **H01Q 25/04** (2006.01)

CPC (source: EP)
H01Q 21/24 (2013.01); **H01Q 25/04** (2013.01)

Citation (examination)
Merrill I. Skolnik, "Radar Handbook", 1970, McGraw-Hill, Seiten 21-18-21-21.

Cited by
DE4326824A1; US5821906A; DE102013011651A1; EP0575788A1

Designated contracting state (EPC)
AT CH DE GB LI NL SE

DOCDB simple family (publication)
EP 0422431 A2 19910417; **EP 0422431 A3 19911218**; **EP 0422431 B1 19961227**; AT E146907 T1 19970115; DE 59010617 D1 19970206

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