

Title (en)

Electronically scanned phased-array antenna for a satellite radio terminal

Title (de)

Elektronisch phasengesteuerte Antenne in einem Satellitenfunk-Terminal

Title (fr)

Antenne à commande électronique de phase pour terminal de télécommunications par satellite

Publication

EP 0920072 B1 20020911 (DE)

Application

EP 98122051 A 19981120

Priority

DE 19752160 A 19971125

Abstract (en)

[origin: EP0920072A2] The electronic phase controlled antenna (2) is a linear one dimensional antenna whose main horn can be electronically pivoted in only one dimension. The antenna is arranged on a mechanically driven pivot device (1). The pivoting of the pivotal plane of the antenna can be in any spatial position. The antenna is positioned by the control device such that the pivotal plane of the antenna horn contains both the two satellites and also the terminal.

IPC 1-7

H01Q 3/26; **H01Q 3/08**; **H01Q 25/00**

IPC 8 full level

H01Q 3/08 (2006.01); **H01Q 3/26** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)

H01Q 3/08 (2013.01); **H01Q 3/26** (2013.01); **H01Q 25/00** (2013.01)

Cited by

EP1601047A1; CN111869003A; US10082581B2; WO0118905A1; WO02097919A1; WO2016092369A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0920072 A2 19990602; **EP 0920072 A3 19991124**; **EP 0920072 B1 20020911**; DE 19752160 A1 19990610; DE 59805495 D1 20021017

DOCDB simple family (application)

EP 98122051 A 19981120; DE 19752160 A 19971125; DE 59805495 T 19981120