

Title (en)
Selective antenna with frequency switching

Title (de)
Selektive Antenne mit Frequenzumschaltung

Title (fr)
Antenne sélective à commutation en fréquence

Publication
EP 0991135 B1 20090211 (FR)

Application
EP 99402412 A 19991001

Priority
FR 9812381 A 19981002

Abstract (en)
[origin: EP0991135A1] The slot antenna construction has a radiating antenna (20) with an outer dimension (21) corresponding to a wavelength, etched on a conductor surface (2). Each slot antenna has an electronic mechanism (70a) which has two states. In the first blocked state, the antenna wavelength is unchanged. In the second pass state the wavelength of the slot antenna is modified, changing the operating frequency. the state change is synchronized between antennas, and the radiation patterns remain stable in the two conditions.

IPC 8 full level
H01Q 13/10 (2006.01); **H01Q 5/00** (2006.01); **H01Q 13/18** (2006.01)

CPC (source: EP)
H01Q 9/14 (2013.01); **H01Q 13/10** (2013.01); **H01Q 13/18** (2013.01)

Cited by
NL2019472B1; DE10047903A1; US11211713B2; US6965349B2; WO2019045563A1; WO0103240A1; WO02075841A3

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
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