

Title (en)
RADIO TRANSMITTER/RADIO RECEIVER UNIT COMPRISING A TUNEABLE ANTENNA

Title (de)
FUNK-SENDE-/FUNK-EMPFANGSEINRICHTUNG MIT ABSTIMMBARER ANTENNE

Title (fr)
UNITE D'EMISSION/DE RECEPTION RADIO A ANTENNE ACCORDABLE

Publication
EP 1247310 B1 20030618 (DE)

Application
EP 00989808 A 20001128

Priority
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• DE 19959983 A 19991213

Abstract (en)
[origin: US6781562B1] A radio transmitter and receiver is provided having an electrically acting antenna body in whose near region a dielectric body is arranged, with the dielectric constant of the dielectric body being varied by at least one control signal to ensure an optimum value for at least one physical variable representing a function of the transmission/reception quality of the radio transmitter and receiver.

IPC 1-7
H01Q 3/44; **H01Q 9/04**

IPC 8 full level
H01Q 3/44 (2006.01); **H01Q 5/00** (2006.01); **H01Q 9/04** (2006.01); **H01Q 9/30** (2006.01); **H01Q 9/32** (2006.01)

CPC (source: EP US)
H01Q 3/44 (2013.01 - EP US); **H01Q 9/0442** (2013.01 - EP US); **H01Q 9/14** (2013.01 - EP US); **H01Q 9/30** (2013.01 - EP US);
H01Q 9/32 (2013.01 - EP US)

Citation (examination)
• WO 0065685 A1 20001102 - SIEMENS AG [DE], et al
• WO 0118907 A1 20010315 - SIEMENS AG [DE], et al
• DE 4025766 A1 19910221 - NISSAN MOTOR [JP]

Designated contracting state (EPC)
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DE 19959983 C2 20020502; DE 50002621 D1 20030724; EP 1247310 A1 20021009; EP 1247310 B1 20030618; US 6781562 B1 20040824

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