

Title (en)
Antenna apparatus

Title (de)
Antennenvorrichtung

Title (fr)
Appareil d'antenne

Publication
EP 2063486 A1 20090527 (EN)

Application
EP 08019387 A 20081105

Priority
JP 2007290363 A 20071108

Abstract (en)
Provided is an antenna apparatus including: an antenna element (3) having a radiation conductor (2) formed on a surface of a base substance (1); and a matching circuit (32) formed on the base substance (1) to match with the radiation conductor (2) and having a variable capacitor to which a control voltage for controlling capacitance is applied from a reception circuit formed outside the base substance (1). In the antenna, a direct-current ground potential of the matching circuit (32) is applied via a transmission line (43) for transmitting an RF signal output from the matching circuit (32) to the reception circuit.

IPC 8 full level
H01Q 1/36 (2006.01); **H01Q 1/22** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP)
H01Q 1/2283 (2013.01); **H01Q 1/362** (2013.01); **H01Q 23/00** (2013.01)

Citation (applicant)
• JP 2007290363 A 20071108 - SEIKO EPSON CORP
• JP H06314982 A 19941108 - KENWOOD CORP

Citation (search report)
• [XY] EP 1231674 A2 20020814 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [XY] EP 1471597 A1 20041027 - ALPS ELECTRIC CO LTD [JP]
• [XY] EP 1617564 A1 20060118 - YOKOWO SEISAKUSHO KK [JP]
• [X] JP H10209897 A 19980807 - HARADA IND CO LTD, et al

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2063486 A1 20090527; JP 2009118292 A 20090528

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