

Title (en)
Antenna apparatus

Title (de)
Antennenvorrichtung

Title (fr)
Appareil d'antenne

Publication
EP 1814191 A2 20070801 (EN)

Application
EP 07101353 A 20070129

Priority
• JP 2006020283 A 20060130
• JP 2006030810 A 20060208
• JP 2006154279 A 20060602

Abstract (en)
An antenna apparatus includes a magnetic sheet and an antenna that is provided in the magnetic sheet and has a looped conductor and terminal electrode parts arranged at both ends of the conductor, and a matching circuit that is provided in the magnetic sheet, includes a first capacitor and a second capacitor each of which has a pair of electrodes, and sets a resonant frequency by the antenna and the first and second capacitors. One electrode of the pair of electrodes of the first capacitor is connected to one of the terminal electrode parts, and the other electrode of the pair of electrodes of the first capacitor is connected to the looped conductor. One electrode of the pair of electrodes of the second capacitor is connected to the other one of the terminal electrode parts, and the other electrode of the pair of electrodes of the second capacitor is connected to the looped conductor.

IPC 8 full level
H01Q 1/22 (2006.01); **G06K 19/077** (2006.01); **H01Q 7/00** (2006.01)

CPC (source: EP)
H01Q 1/22 (2013.01); **H01Q 7/00** (2013.01)

Citation (examination)
• FR 2842630 A1 20040123 - PYGMALYON [FR]
• EP 0704816 A2 19960403 - HUGHES IDENTIFICATION DEVICES [US]
• EP 1154516 A1 20011114 - MITSUBISHI ELECTRIC CORP [JP]

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DE

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