

Title (en)
Antenna module and apparatus utilizing the same

Title (de)
Antennenmodul und Vorrichtung damit

Title (fr)
Module d'antenne et appareil l'utilisant

Publication
EP 1986268 A1 20081029 (EN)

Application
EP 07013979 A 20070717

Priority
CN 200710101300 A 20070428

Abstract (en)
An antenna module(100) and a signal-processing module(200) using the antenna module(100) to process a plurality of wireless signals are proposed. The signal-processing module(200) includes the antenna module(100), a first processing circuit(202) and a second processing circuit(204). The antenna module(100) includes at least a first antenna(110), at least a second antenna(130) and a shielding portion(120). The first antenna(110) is utilized to transmit or receive signals corresponding to a first wireless communication standard, the second antenna(130) is utilized to transmit or receive signals corresponding to a second wireless communication standard, and the shielding portion(120) is disposed between the first antenna(110) and the second antenna(130). The first processing circuit(202) is coupled to the first antenna(110) for processing signals of the first antenna, and the second processing circuit(204) is coupled to the second antenna(130) for processing signals of the second antenna.

IPC 8 full level
H01Q 1/52 (2006.01); **H01Q 21/24** (2006.01); **H01Q 21/28** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)
H01Q 1/521 (2013.01); **H01Q 21/24** (2013.01); **H01Q 21/28** (2013.01); **H01Q 25/002** (2013.01)

Citation (applicant)
• US 2004252060 A1 20041216 - MATSUBARA HIROYUKI [JP], et al
• EP 1798808 A1 20070620 - SAMSUNG ELECTRONICS CO LTD [KR]
• WO 0205382 A1 20020117 - ALLGON AB [SE], et al

Citation (search report)
• [X] US 2004252060 A1 20041216 - MATSUBARA HIROYUKI [JP], et al
• [PX] EP 1798808 A1 20070620 - SAMSUNG ELECTRONICS CO LTD [KR]
• [X] WO 0205382 A1 20020117 - ALLGON AB [SE], et al

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