

Title (en)  
ANTENNA APPARATUS AND ELECTRONIC DEVICE

Title (de)  
ANTENNENVORRICHTUNG UND ELEKTRONISCHE VORRICHTUNG

Title (fr)  
APPAREIL D'ANTENNE ET DISPOSITIF ÉLECTRONIQUE

Publication  
**EP 4220856 A4 20240320 (EN)**

Application  
**EP 21899739 A 20211014**

Priority  
• CN 202011399314 A 20201201  
• CN 2021123915 W 20211014

Abstract (en)  
[origin: EP4220856A1] Provided are an antenna apparatus and an electronic device. The antenna apparatus includes a first radiator and a plurality of second radiators. A first gap is defined between each of the second radiators and the first radiator. Each of the second radiators is electrically connected to the first radiator through an electromagnetic coupling by means of the first gap. Each of second radiators is configured to transmit a radio-frequency signal of a first frequency band. The plurality of second radiators and the first radiator are configured to jointly transmit a radio-frequency signal of a second frequency band.

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 5/378** (2015.01); **H01Q 9/04** (2006.01); **H01Q 9/42** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: CN EP)  
**H01Q 1/22** (2013.01 - CN); **H01Q 1/24** (2013.01 - EP); **H01Q 1/36** (2013.01 - CN); **H01Q 1/48** (2013.01 - CN); **H01Q 1/50** (2013.01 - CN); **H01Q 5/10** (2013.01 - CN); **H01Q 5/20** (2015.01 - CN); **H01Q 5/307** (2015.01 - CN); **H01Q 5/378** (2013.01 - EP); **H01Q 9/0421** (2013.01 - EP); **H01Q 9/42** (2013.01 - EP); **H01Q 21/28** (2013.01 - EP)

Citation (search report)  
• [XA] US 2020168988 A1 20200528 - LI CHIH-CHENG [TW]  
• [XAI] WO 2020173298 A1 20200903 - HUAWEI TECH CO LTD [CN]  
• [XAI] US 2008258992 A1 20081023 - TSAI TIAO-HSING [TW], et al  
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• See also references of WO 2022116705A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 4220856 A1 20230802**; **EP 4220856 A4 20240320**; CN 112436272 A 20210302; CN 112436272 B 20221129; WO 2022116705 A1 20220609

DOCDB simple family (application)  
**EP 21899739 A 20211014**; CN 202011399314 A 20201201; CN 2021123915 W 20211014