

Title (en)  
ANTENNA ARRANGEMENT

Title (de)  
ANTENNENANORDNUNG

Title (fr)  
AGENCEMENT D'ANTENNE

Publication  
**EP 4290698 A1 20231213 (EN)**

Application  
**EP 22382543 A 20220606**

Priority  
EP 22382543 A 20220606

Abstract (en)  
An antenna arrangement comprising: a first antenna configured to operate a first frequency range; and a second antenna configured to operate in a second frequency range; wherein the first antenna comprises a reflector configured to provide a reflective surface at, at least, the first frequency range, and the second antenna comprises at least one conductive element configured to receive and/or radiate in the second frequency range, wherein at least a portion of the at least one conductive element is configured to act as at least a portion of the reflective surface of the reflector.

IPC 8 full level  
**H01Q 5/40** (2015.01); **H01Q 9/04** (2006.01); **H01Q 19/17** (2006.01); **H01Q 21/08** (2006.01); **H01Q 21/20** (2006.01); **H01Q 21/24** (2006.01); **H01Q 21/28** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)  
**H01Q 5/40** (2015.01); **H01Q 9/0407** (2013.01); **H01Q 19/17** (2013.01); **H01Q 21/08** (2013.01); **H01Q 21/20** (2013.01); **H01Q 21/24** (2013.01); **H01Q 21/28** (2013.01); **H01Q 25/00** (2013.01)

Citation (applicant)

- US 201916701675 A 20191203
- 3GPP TS 36.101

Citation (search report)

- [XAI] JP S6126309 A 19860205 - MITSUBISHI ELECTRIC CORP
- [A] JP H10229308 A 19980825 - MITSUBISHI ELECTRIC CORP

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4290698 A1 20231213**

DOCDB simple family (application)  
**EP 22382543 A 20220606**