

Title (en)  
ANTENNA APPARATUS

Title (de)  
ANTENNENVORRICHTUNG

Title (fr)  
APPAREIL D'ANTENNE

Publication  
**EP 4322336 A1 20240214 (EN)**

Application  
**EP 22189659 A 20220810**

Priority  
EP 22189659 A 20220810

Abstract (en)  
There is provided an apparatus comprising: a first antenna element and a second antenna element, the first antenna element and the second antenna element being arranged to form an antenna array, and a first reflector and a second reflector, the first reflector and the second reflector being arranged to form a single reflector for the antenna array. The first reflector is associated with the first antenna element and the second reflector is associated with the second antenna element. In the apparatus, at least one of: a shape, a size, and a distance away from the associated antenna element, of the first reflector and the second reflector, is different between the first and second reflectors.

IPC 8 full level  
**H01Q 19/02** (2006.01); **H01Q 19/12** (2006.01); **H01Q 21/08** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)  
**H01Q 19/028** (2013.01); **H01Q 19/12** (2013.01); **H01Q 21/08** (2013.01); **H01Q 21/24** (2013.01)

Citation (search report)  
• [X] US 2015180134 A1 20150625 - BOUTIGNY PIERRE [FR], et al  
• [X] US 2007146225 A1 20070628 - BOSS MICHAEL [DE], et al  
• [X] EP 2009742 A1 20081231 - PANASONIC CORP [JP]  
• [A] US 2022150717 A1 20220512 - GENG YI [CN], et al

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)  
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