

Title (en)  
Antenna array

Title (de)  
Gruppenantennensystem

Title (fr)  
Réseau d'antennes

Publication  
**EP 1223638 A3 20030514 (DE)**

Application  
**EP 01129695 A 20011213**

Priority  
DE 10101666 A 20010116

Abstract (en)  
[origin: EP1223638A2] The system has an electrically large group antenna with first and second antenna sub-groups (11,12) and a combination conductor network (13) with an input for an antenna power signal, outputs to the sub-groups, a phase shifter (14) for producing a phase shift between the output signals before the are fed to the sub-groups and an arrangement for compensating the phase shift in the beam path of the antenna beam radiated by the sub-groups.

IPC 1-7  
**H01Q 3/26**; **H01Q 3/36**; **H01Q 21/00**; **H01Q 21/22**

IPC 8 full level  
**H01Q 3/26** (2006.01); **H01Q 3/36** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP US)  
**H01Q 3/267** (2013.01 - EP US); **H01Q 3/36** (2013.01 - EP US); **H01Q 21/0006** (2013.01 - EP US)

Citation (search report)

- [X] DE 1105486 B 19610427 - SIEMENS AG
- [X] DE 1024587 B 19580220 - ROHDE & SCHWARZ
- [X] DE 957239 C 19570131 - TELEFUNKEN GMBH
- [A] US 5877660 A 19990302 - EBINE YOSHIO [JP], et al
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- [A] DE 3627597 A1 19880218 - LICENTIA GMBH [DE]

Cited by  
CN113273033A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1223638 A2 20020717**; **EP 1223638 A3 20030514**; **EP 1223638 B1 20040714**; DE 10101666 C1 20020912; US 2002109638 A1 20020815; US 6768453 B2 20040727

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**EP 01129695 A 20011213**; DE 10101666 A 20010116; US 4655102 A 20020116