

Title (en)
Antenna array

Title (de)
Gruppenantennensystem

Title (fr)
Réseau d'antennes

Publication
EP 1223638 B1 20040714 (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)

Cited by
CN113273033A

Designated contracting state (EPC)
FR GB IT

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