

Title (en)
ANTENNA ARRAY

Title (de)
ANTENNENANORDNUNG

Title (fr)
SYSTEME D'ANTENNE

Publication
EP 1652267 B1 20071114 (DE)

Application
EP 04763839 A 20040805

Priority
• EP 2004008799 W 20040805
• DE 10336072 A 20030806

Abstract (en)
[origin: WO2005018043A1] The invention relates to an improved antenna array which comprises the following features: the at least two radiator groups (3.1, 3.2) are arranged and/or fed in such a manner that the main lobe (7.1) of the first radiator device (3.1) and the main lobe (7.2) of the second radiator device (3.2) form an angle (α); - the array is provided with a network (13) via which a signal is supplied to the first radiator group (3.1) and the second radiator group (3.2) the intensity of which signal relative to each other can be adjusted, thereby adjusting a different angle radiation transmission (α) of the antenna array.

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 3/28** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)
H01Q 1/246 (2013.01); **H01Q 3/28** (2013.01); **H01Q 21/0006** (2013.01)

Cited by
EP3931910A4; WO2020177025A1

Designated contracting state (EPC)
ES FR GB IE SE

DOCDB simple family (publication)
WO 2005018043 A1 20050224; BR PI0413320 A 20061010; CN 2691083 Y 20050406; DE 10336072 A1 20050310; DE 10336072 B4 20050811; EP 1652267 A1 20060503; EP 1652267 B1 20071114; ES 2294526 T3 20080401

DOCDB simple family (application)
EP 2004008799 W 20040805; BR PI0413320 A 20040805; CN 200320103861 U 20031030; DE 10336072 A 20030806; EP 04763839 A 20040805; ES 04763839 T 20040805