

Title (en)
ARRAY ANTENNA

Title (de)
GRUPPENANTENNE

Title (fr)
ANTENNE RÉSEAU

Publication
EP 2676327 A1 20131225 (DE)

Application
EP 12702554 A 20120207

Priority
• CH 2772011 A 20110217
• EP 2012052066 W 20120207

Abstract (en)
[origin: WO2012110366A1] The invention relates to an array antenna (1), comprising a first plate (2), which has means for distributing an electromagnetic signal to be emitted by the array antenna (1), a second plate (3), which has first openings (7) for conducting the electromagnetic signal to be emitted therethrough, and a third plate (4), which has means (12) used to emit the electromagnetic signal. The second plate (3) is arranged between the first plate and the third plate (2, 4) and is operatively connected to same. The second plate (3) has substantially plane-parallel, smooth lateral surfaces (5, 6), in which the first openings (7) are arranged.

IPC 8 full level
H01Q 21/06 (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP US)
H01Q 13/10 (2013.01 - US); **H01Q 21/0087** (2013.01 - EP US); **H01Q 21/064** (2013.01 - EP US)

Citation (search report)
See references of WO 2012110366A1

Cited by
WO2022243415A1

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

DOCDB simple family (publication)
WO 2012110366 A1 20120823; CH 704552 A1 20120831; CH 704552 A8 20121015; CN 203596415 U 20140514; EP 2676327 A1 20131225; EP 2676327 B1 20180725; US 2013321229 A1 20131205; US 9640870 B2 20170502

DOCDB simple family (application)
EP 2012052066 W 20120207; CH 2772011 A 20110217; CN 201290000296 U 20120207; EP 12702554 A 20120207; US 201214000308 A 20120207