

Title (en)
Phased array antenna subsystem

Title (de)
Phasengesteuertes Antennen-Subsystem

Title (fr)
Sub-système d'antenne à commande de phase

Publication
EP 1328042 B1 20060329 (DE)

Application
EP 02025792 A 20021116

Priority
DE 10200561 A 20020109

Abstract (en)
[origin: EP1328042A1] The system has a phase-controlled antenna sub-system with replaceable transmit/receive modules in a data and supply network (2), circulator circuits and antenna elements connected to the transmission and reception circuits of the transmit/receive modules via the circulator circuits. Each module contains a transmitter and receiver circuit, a circulator circuit (8) and an antenna element (9) and is replaceably arranged on the emission side of the radar system.

IPC 8 full level
G01S 7/02 (2006.01); **H01Q 21/00** (2006.01); **G01S 7/03** (2006.01); **H01Q 23/00** (2006.01); **H04B 1/44** (2006.01)

CPC (source: EP US)
H01Q 21/0025 (2013.01 - EP US); **H01Q 21/0087** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US)

Cited by
WO2011042000A1; DE102009048838B3; EP2840647A1; CN111541001A; EP2159876A1; NL1035878C; EP2159875A1; NL1035877C; EP2418345A1; EP2549589A1; WO2010116357A1; WO2004013934A1; WO2010111012A3; WO2011026034A3; US9590317B2; US11652278B2; US8971056B2; US8270169B2; US9441404B2

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

DOCDB simple family (publication)
EP 1328042 A1 20030716; EP 1328042 B1 20060329; AT E322090 T1 20060415; DE 10200561 A1 20030724; DE 10200561 B4 20061123; DE 50206215 D1 20060518; ES 2258588 T3 20060901; JP 2004028980 A 20040129; JP 4156382 B2 20080924; US 2003218566 A1 20031127; US 6876323 B2 20050405

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