

Title (en)
TRANSCIVER DEVICE AND ASSOCIATED ANTENNA

Title (de)
SENDER-EMPFÄNGER UND ZUGEHÖRIGE ANTENNE

Title (fr)
DISPOSITIF D'EMISSION/RECEPTION ET ANTENNE ASSOCIEE

Publication
EP 3329550 A1 20180606 (FR)

Application
EP 16744792 A 20160729

Priority
• FR 1501644 A 20150731
• EP 2016068177 W 20160729

Abstract (en)
[origin: WO2017021307A1] The invention relates to a device (10) which combines first and second transceiver modules (14, 16) with a transceiver means (12) including a substantially planar radiating element (22) and including a central point (C). Each transceiver module is a transceiver module coupled with the transceiver means so as to energise a pair of energisation points (P1, P2; P3, P4) of the radiating element, the energisation points of one pair being arranged symmetrically relative to the central point of the radiating element. The first and second transceiver modules respectively energise a first pair of energisation points arranged in a first direction (D1) of the radiating element and a second pair of energisation points arranged in a second direction (D2) of the radiating element, the first and second directions being mutually orthogonal.

IPC 8 full level
H01Q 9/04 (2006.01)

CPC (source: EP US)
H01Q 9/0435 (2013.01 - EP US); **H01Q 9/0457** (2013.01 - EP US); **H01Q 9/0478** (2013.01 - US); **H01Q 23/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2017021307A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
FR 3039726 A1 20170203; FR 3039726 B1 20180629; EP 3329550 A1 20180606; EP 3329550 B1 20210804; ES 2890873 T3 20220124; US 10454175 B2 20191022; US 2018145413 A1 20180524; WO 2017021307 A1 20170209

DOCDB simple family (application)
FR 1501644 A 20150731; EP 16744792 A 20160729; EP 2016068177 W 20160729; ES 16744792 T 20160729; US 201815876667 A 20180122