

Title (en)

Phase-shifting system for radiating elements of an antenna

Title (de)

Phasenverschiebungssystem für Strahlenelemente einer Antenne

Title (fr)

Système de décalage de phase pour éléments de radiation d'une antenne

Publication

EP 1956675 A1 20080813 (EN)

Application

EP 08101406 A 20080208

Priority

FR 0753135 A 20070208

Abstract (en)

The subject of the present invention is a phase-shifting system including at least one body (21) which has at least one electrically conductive surface, an electrically conductive feed line (22) placed on the body (21) and including at least two segments (33a-33e, 34a-34e) which are parallel along a longitudinal axis B-B and at least three access points (23, 24a-24e, 25a-25e), a movable dielectric device (26) placed above the feed line (22), characterized in that the device (26) includes two distinct sections (26a-26e) made up of dielectric material, which are capable of moving independently along the longitudinal axis B-B.

IPC 8 full level

H01P 1/18 (2006.01); **H01Q 3/32** (2006.01)

CPC (source: EP)

H01P 1/184 (2013.01)

Citation (applicant)

- US 6850130 B1 20050201 - GOTTL MAXIMILIAN [DE], et al
- JP H09246846 A 19970919 - DENKI KOGYO CO LTD, et al
- EP 1215752 A1 20020619 - CIT ALCATEL [FR]
- US 5949303 A 19990907 - ARVIDSSON PER-ANDERS [SE], et al
- WO 0235651 A1 20020502 - ALLGON AB [SE], et al

Citation (search report)

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- [A] DE 19911905 A1 19991021 - ALCATEL SA [FR]
- [A] WO 2004008568 A1 20040122 - SIGMA WIRELESS TECHNOLOGIES LT [IE], et al
- [DA] WO 0235651 A1 20020502 - ALLGON AB [SE], et al

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EP3252865A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1956675 A1 20080813; EP 1956675 B1 20140716; FR 2912557 A1 20080815; FR 2912557 B1 20090403

DOCDB simple family (application)

EP 08101406 A 20080208; FR 0753135 A 20070208