

Title (en)
DECOUPLING ANTENNA AND DECOUPLING METHOD THEREFOR

Title (de)
ENTKOPPLUNGSANTENNE UND ENTKOPPLUNGSVERFAHREN DAFÜR

Title (fr)
ANTENNE DE DÉCOUPLAGE ET PROCÉDÉ DE DÉCOUPLAGE ASSOCIÉ

Publication
EP 3567676 A4 20200805 (EN)

Application
EP 17890173 A 20171229

Priority

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- CN 2017120320 W 20171229

Abstract (en)
[origin: EP3567676A1] Provided are a decoupling antenna and decoupling method. The decoupling antenna includes an antenna port, a decoupling network, a feed network, a phase-shift network, and at least two antenna arrays. The phase-shift network is connected to the at least two antenna arrays separately. An input end of the feed network is connected to the decoupling network, and an output end of the feed network is connected to the phase-shift network. The decoupling network is disposed between the antenna port and the feed network and configured to eliminate a mutually-coupled signal generated between the at least two antenna arrays.

IPC 8 full level
H01Q 1/52 (2006.01); **H01P 1/18** (2006.01); **H01P 1/208** (2006.01); **H01P 5/04** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: CN EP KR)
H01P 1/182 (2013.01 - EP); **H01P 1/2084** (2013.01 - EP); **H01P 5/04** (2013.01 - EP); **H01Q 1/52** (2013.01 - KR); **H01Q 1/521** (2013.01 - EP); **H01Q 1/523** (2013.01 - CN); **H01Q 21/28** (2013.01 - EP)

Citation (search report)

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CN113659338A

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)
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DOCDB simple family (application)
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