

Title (en)  
DUAL-POLARIZED RADIATING ASSEMBLY

Title (de)  
DUALPOLARISIERTE STRAHLERANORDNUNG

Title (fr)  
ENSEMBLE ANTENNE RAYONNANTE A DOUBLE POLARISATION

Publication  
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Application  
**EP 03702516 A 20030123**

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Abstract (en)  
[origin: WO03065505A1] The invention relates to a dual-polarized radiating assembly comprising the following improved characteristics: the four radiating devices (1, 1') each comprise a conductive structure between their opposing radiating ends (9); the respective adjacent radiating ends (9) of two neighbouring radiating devices (1, 1'), are insulated from one another in a high frequency manner; the respective adjacent pairs of radiating ends (9) of two neighbouring radiating devices (1, 1') form feed points (113); the radiating devices (1, 1') are fed at least approximately in-phase and approximately symmetrically between the respective opposing feed points (113).

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CPC (source: EP KR US)  
**H01Q 13/10** (2013.01 - EP US); **H01Q 13/18** (2013.01 - EP KR US); **H01Q 15/14** (2013.01 - KR); **H01Q 19/10** (2013.01 - EP KR US); **H01Q 21/20** (2013.01 - EP US); **H01Q 21/24** (2013.01 - EP US); **H01Q 21/26** (2013.01 - KR)

Cited by  
DE102012023938A1; DE102007060083A1; DE102014014434A1; US9373884B2; WO2019162345A1; US11329390B2

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DOCDB simple family (publication)  
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