

Title (en)
Omni-directional antenna.

Title (de)
Rundstrahlantenne.

Title (fr)
Antenne omnidirectionnelle.

Publication
EP 0212963 A2 19870304 (EN)

Application
EP 86306363 A 19860818

Priority
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Abstract (en)
An azimuthally omni-directional antenna for radio waves comprises a dielectric lens (3) having an elliptic surface in vertical plane (1) and a reflector arrangement (2) which cooperate to focus rays (4) onto an array of elements at the surfacial plane (5). Local oscillator power can be injected and mixed.

IPC 1-7
H01Q 19/06; **H01Q 15/23**; **H01Q 25/00**

IPC 8 full level
H01Q 19/00 (2006.01); **H01Q 3/26** (2006.01); **H01Q 15/23** (2006.01); **H01Q 19/06** (2006.01); **H01Q 19/17** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP)
H01Q 15/23 (2013.01); **H01Q 19/062** (2013.01); **H01Q 25/007** (2013.01)

Cited by
WO2007136289A1; EP0859428A3; CN101427422A; EP2471296A4; EP3352294A1; US8149178B2; US8320942B2; US8193994B2; US8395558B2; WO2021144626A1

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DOCDB simple family (application)
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