

Title (en)
Lens antenna

Title (de)
Linsenantenne

Title (fr)
Antenne à lentille

Publication
EP 1657786 A1 20060517 (EN)

Application
EP 04257101 A 20041116

Priority
EP 04257101 A 20041116

Abstract (en)
A shaped radiation pattern antenna is provided, suitable for generating relatively wide angle radiation fields, having a shaped dielectric lens attached to a conducting mounting plate, a waveguide assembly arranged to inject a signal into the dielectric lens through an aperture in the mounting plate and a portion of radiation absorbent material disposed between the mounting plate and the dielectric lens and arranged such that, in use, effects arising from internal reflections on the power profile of emitted radiation from the lens are reduced.

IPC 8 full level
H01Q 19/06 (2006.01); **H01Q 15/02** (2006.01)

CPC (source: EP)
H01Q 15/02 (2013.01); **H01Q 19/06** (2013.01); **H01Q 19/062** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

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