

Title (en)
DIRECTIONAL ANTENNA

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Application
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Priority
DE 3716033 A 19870514

Abstract (en)
[origin: EP0290844A2] In a directional antenna, whose radiation pattern can be shaped using simple means, outside the horn emitter (2), in its radiation pattern, there is arranged at least one conductive disc (4), which has an opening that is at least as large as that of the horn aperture, the effect of this conductive disc (4) depending on the shape of the radiation pattern of the opening cross-section, and on the distance of the disc (4) from the horn aperture. <IMAGE>

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IPC 8 full level
H01Q 13/02 (2006.01); **H01Q 19/06** (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP)
H01Q 13/0266 (2013.01); **H01Q 19/06** (2013.01); **H01Q 19/19** (2013.01)

Citation (examination)

- A.W. Love "Reflector Antennas", Part IV:"Microwave Antennas Derived from the Cassegrain Telescope" and Part VI:"The Radiaton Pattern and Impedance of Offset and Symmetrical Near-FieldCassegrainian and Gregorian Antennas, 1978,Institute and Electrical and Electronics Engineers US, Pages 136,144,219,220.
- H.Jasik et al."Antenna Engineering Handbook", Second Edition, chapter 17:"Reflector Antennas", 1984,McGraw-Hill, New York, Pages 17-28 to 17-29.

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DE FR GB IT SE

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