

Title (en)
PRIMARY RADIATOR FOR PARABOLIC ANTENNA

Publication
EP 0322498 A3 19900523 (EN)

Application
EP 88103388 A 19880304

Priority
JP 30475387 A 19871202

Abstract (en)
[origin: EP0322498A2] An illumination aperture (6) for receiving radio waves in a radio wave introducing member (2) is blocked by a covering member (17), and thus dust is prevented from coming into the illumination aperture externally by the covering member. The covering member is so thick as will coincide with the trough in a transmission loss curve of radio wave of the synthetic resin used as a forming material for the covering member. Accordingly, a mechanical strength of the covering member is high. Then, an expected attenuation of the radio wave going toward the illumination aperture through the covering member is very little.

IPC 1-7
H01Q 1/42; **H01Q 19/08**

IPC 8 full level
H01Q 1/42 (2006.01); **H01Q 19/08** (2006.01)

CPC (source: EP)
H01Q 1/42 (2013.01); **H01Q 19/08** (2013.01)

Citation (search report)

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- [A] ELECTRONICS LETTERS vol. 17, no. 21, October 1981, pages 777-779, London, GB; W.S. DAVIES et al.: "Bird-Proff Feed-Horn Windows for Microwave Radio System Antennas"

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