

Title (en)
HORN ANTENNA

Publication
EP 0303001 A3 19900905 (EN)

Application
EP 88107171 A 19880504

Priority
IT 2178687 U 19870611

Abstract (en)
[origin: EP0303001A2] The horn illuminator for reflector antennas with rectangular radiation pattern is provided with a ring (4) of electrically conductive material coaxially placed before the horn mouth (3) a distance of $\lambda/4$ therefrom and in a plane parallel to that of said mouth (3). The electrically conductive ring (4) is supported by a cap of polytetrafluoroethylene material acting as a protection therefor.

IPC 1-7
H01Q 13/06

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

CPC (source: EP)
H01Q 13/065 (2013.01); **H01Q 19/06** (2013.01)

Citation (search report)
• [A] DE 2607809 A1 19770901 - DEUTSCHE BUNDESPOST
• [A] FR 2097132 A1 19720303 - HOLLANDSE SIGNAALAPPARATEN BV [NL]
• [A] US 3624655 A 19711130 - SATO TOSHIO, et al

Cited by
GB2458663A; GB2458663B

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR LI NL SE

DOCDB simple family (publication)
EP 0303001 A2 19890215; EP 0303001 A3 19900905; IT 210401 Z2 19881230; IT 8721786 V0 19870611

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