

Title (en)
Antenna choke.

Title (de)
Antennendrossel.

Title (fr)
Bobine d'antenne.

Publication
EP 0559980 A1 19930915

Application
EP 92308825 A 19920928

Priority
GB 9205270 A 19920311

Abstract (en)
The antenna choke is used to reduce the choke of current which mutually couples adjacent array sections. In order to simplify manufacture, a single channel (6) is machined between each row of array sections (2,4), the channel effectively reduces the ground plane current between the various sections. The choke allows for a relatively easy manufacturing process in which the array is built by sequentially placing conductive type sealant between the adjacent sections and bolting or securing the sections in place. The array sections include a number of radiating elements (10) which may be of any form for example rectangular waveguides or dipole radiators. <IMAGE>

IPC 1-7
H01Q 1/52; **H01Q 21/00**

IPC 8 full level
H01Q 21/06 (2006.01); **H01Q 1/52** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)
H01Q 1/523 (2013.01); **H01Q 21/0087** (2013.01)

Citation (search report)
• [A] US 2557951 A 19510626 - DE ROSA LOUIS A, et al
• [A] GB 2225170 A 19900523 - MARCONI GEC LTD [GB]
• [A] EP 0227121 A1 19870701 - NEC CORP [JP]
• [A] EP 0186455 A2 19860702 - MARCONI CO LTD [GB]
• [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 044 (E-050)24 March 1981 & JP-A-56 000 716 (TOKYO KEIKI)

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DE19627015A1; US6025812A; DE19627015C2; WO2004049747A3; US7512404B2; US7136655B2; US7248877B2

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DOCDB simple family (application)
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