

Title (en)  
PLANE SLOT ANTENNA

Publication  
**EP 0375416 A3 19901114 (EN)**

Application  
**EP 89313427 A 19891221**

Priority  
JP 32550588 A 19881223

Abstract (en)  
[origin: EP0375416A2] A plane slot antenna including a peripheral conducting surface (11), a central conducting surface (13) provided in the peripheral conducting surface with a space (21) in between, and a plurality of coaxial lines (20, 30). The cores (21, 31) of the coaxial lines are connected to the central conducting surface at different points thereof and outer skins (22, 32) of the coaxial lines are connected to the peripheral conducting surface. The antenna further includes a switch (40) provided between the coaxial lines and a signal receiver so that the switch changes a connection between one of the coaxial lines and the signal receiver so that the antenna receives signal of best possible strength and phase.

IPC 1-7  
**H01Q 9/04; H01Q 1/32**

IPC 8 full level  
**H01Q 1/32** (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/16** (2006.01)

CPC (source: EP)  
**H01Q 1/3275** (2013.01); **H01Q 9/0464** (2013.01); **H01Q 13/16** (2013.01)

Citation (search report)  
• [X] EP 0262755 A1 19880406 - GEN MOTORS CORP [US]  
• [X] EP 0261762 A1 19880330 - GEN MOTORS CORP [US]  
• [A] US 3665480 A 19720523 - FASSETT MATTHEW  
• [A] US 4229744 A 19801021 - LUEDTKE ARTHUR, et al  
• [A] RADIO AND ELECTRONIC ENGINEER. vol. 45, no. 7, July 1975, LONDON GB pages 357 - 367; Parsons et al.: "Diversity techniques for mobile radio reception "

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US5355144A; GB2352334A; GB2352334B; US6498588B1; WO9966587A1

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DE ES FR GB IT SE

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