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AN ANTENNA

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ANTENNE

Publication  
**EP 1647070 B1 20080319 (EN)**

Application  
**EP 04743481 A 20040719**

Priority  
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• GB 0317121 A 20030722

Abstract (en)  
[origin: WO2005013416A1] An antenna comprising: (a) a pair of spaced apart conducting plates which are separated by a cavity containing a dielectric medium; (b) radio frequency feed means for coupling radio frequency energy into, or from, the cavity formed by the conducting plates; (c) generating means for forming a pattern of conducting elements between surfaces of the conducting plates and thereby to focus an electromagnetic wave front towards an edge of the cavity; (d) control means for influencing the pattern of conducting elements and thereby to direct or otherwise influence the electromagnetic wave front; and (e) redirecting means for redirecting the electromagnetic wave front to illuminate an associated radiating means.

IPC 8 full level  
**H01Q 19/17** (2006.01); **H01L 21/32** (2006.01); **H01Q 1/38** (2006.01); **H01Q 15/02** (2006.01)

CPC (source: EP)  
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