

Title (en)  
AN ANTENNA

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Publication  
**EP 1647070 A1 20060419 (EN)**

Application  
**EP 04743481 A 20040719**

Priority  
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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.

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**H01Q 1/38**; **H01Q 15/02**; **H01L 21/32**

IPC 8 full level  
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