

Title (en)  
PORTABLE WIRELESS MACHINE

Title (de)  
TRAGBARES FUNKGERÄT

Title (fr)  
APPAREIL PORTABLE SANS FIL

Publication  
**EP 1538694 A1 20050608 (EN)**

Application  
**EP 03741127 A 20030626**

Priority  
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Abstract (en)  
An upper case (1) is connected to a lower case (2) in a hinge portion (3) so as to freely rotate. A plate shaped conductor (4) and a plate shaped conductor (5) are disposed along the surface of the case in the upper case (1). A ground plate (6) is formed in a ground pattern of a circuit board disposed in the lower case (2). The plate shaped conductor (4) and the plate shaped conductor (5) are selected by a high frequency switch (14) and connected to one end of a feeding portion (15). The other end of the feeding portion (15) is connected to the ground plate (6) to form a dipole antenna. <IMAGE>

IPC 1-7  
**H01Q 1/24**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 3/24** (2006.01); **H01Q 9/16** (2006.01); **H01Q 9/30** (2006.01); **H01Q 9/42** (2006.01); **H01Q 21/29** (2006.01); **H01Q 23/00** (2006.01)

CPC (source: EP)  
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Cited by  
EP2302816A4; EP2448061A1; EP2262055A1; EP1901395A4; EP3661171A4; EP2068395A1; EP1919028A4; EP2023437A4; GB2428332A; GB2428332B; US8816913B2; US7456794B2; US7289072B2; WO2008051725A1; WO2012137040A1; US7616161B2; US7830313B2; US8315677B2; US8994604B2; US9118120B2; US10135138B2; US10468770B2; US10734723B2

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