

Title (en)  
Mobile communication apparatus

Title (de)  
Mobiles Funkgerät

Title (fr)  
Dispositif mobile de communication

Publication  
**EP 0825669 A3 20000223 (EN)**

Application  
**EP 97114591 A 19970822**

Priority  
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Abstract (en)  
[origin: EP0825669A2] A portable telephone (10) includes a portable telephone body (14) made from plastic having a receiver (11), a transmitter (12) and dial keys (13), and a chip antenna (17) which is mounted on a circuit board (15) secured at the inside of the portable telephone body (14) and which is electrically connected to an RF section (16) provided on the circuit board (15) in the portable telephone (10). The chip antenna (17) is disposed near the transmitter (12) where a transmitted electric wave is unlikely to receive the effects of a person who is holding the portable telephone (10). <IMAGE>

IPC 1-7  
**H01Q 1/38**; **H01Q 1/24**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/38** (2006.01)

CPC (source: EP)  
**H01Q 1/24** (2013.01); **H01Q 1/243** (2013.01); **H01Q 1/38** (2013.01)

Citation (search report)

- [A] EP 0706231 A1 19960410 - MITSUBISHI ELECTRIC CORP [JP]
- [A] EP 0707354 A1 19960417 - MURATA MANUFACTURING CO [JP]
- [PX] EP 0749214 A2 19961218 - MURATA MANUFACTURING CO [JP]

Cited by  
US6016126A; EP1065582A1; EP1757127A4; WO9963616A1; US7612726B2; US7405703B2; WO2005120107A1; US6342858B1; US7839343B2

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