

Title (en)  
Portable transceiver with relevant device antenna

Title (de)  
Funksprechgerät mit zugehöriger Geräteantenne

Title (fr)  
Radio téléphone avec antenne d'appareil

Publication  
**EP 0508299 B1 19960207 (DE)**

Application  
**EP 92105634 A 19920401**

Priority  
DE 4111717 A 19910410

Abstract (en)  
[origin: EP0508299A1] When hand-portable transceivers are used in the normal operating position on the head, on the one hand radiation penetrates into the head of the user while on the other hand the head screens the radiation from the antenna. In order to overcome these effects, the base point of the effective antenna is raised in such a manner that the antenna consists of a non-radiating part (spacer) (2) which is connected to the device housing and of a self-radiating part (aerial) (3) connected thereto. <IMAGE>

IPC 1-7  
**H01Q 1/24**; **H01Q 1/27**; **H01Q 1/08**

IPC 8 full level  
**H01Q 1/08** (2006.01); **H01Q 1/24** (2006.01); **H01Q 1/27** (2006.01)

CPC (source: EP)  
**H01Q 1/084** (2013.01); **H01Q 1/242** (2013.01); **H01Q 1/245** (2013.01)

Cited by  
EP0644607A1; EP0650282A1; EP0675562A1; DE4221121C1; GB2314211A; US5590416A; EP0603012A1; US5404390A; US5977928A; GB2342506A; GB2373140A; GB2373140B; US5940039A; EP0806809A4; US5929814A; EP0764998A1; US5949377A; GB2280322A; GB2280322B; US5926748A; GB2319417A; GB2319417B; FR2702324A1; US5535435A; EP0661825A1; US5630211A; US5513383A; US5551069A; DE19723331B4; EP0603081A1; FR2699773A1; US5493704A; EP0603082A1; GB2353413A; GB2353413B; EP0652646A1; US5523766A; EP0689297A1; US6778842B2; WO9702621A1; WO9421053A1

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**EP 0508299 A1 19921014**; **EP 0508299 B1 19960207**; AT E134073 T1 19960215; DE 59205270 D1 19960321; DK 0508299 T3 19960318; ES 2083013 T3 19960401

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