

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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