

Title (en)

Portable transceiver apparatus, in particular radiomobile telephone set, with low irradiation of the user.

Title (de)

Tragbares Funkgerät, insbesondere Funktelefon, mit geringer Einstrahlung zum Benutzer.

Title (fr)

Radio-émetteur-récepteur, portable à faible irradiation électromagnétique de l'utilisateur.

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Application

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Priority

IT MI922147 A 19920918

Abstract (en)

The present invention relates to a portable transceiver apparatus, in particular radiomobile telephone set, with low irradiation of the user including a handset and an antenna mounted on said handset. Since said apparatuses (AC) during use by a user, are placed near the user's head (U), a great amount of electromagnetic waves pass through it; in particular with the continuous increase in the frequency used and the consequent decrease in the antenna's dimension, the irradiation of the user's head is and will become a serious problem. The aim of the present invention is to provide a portable transceiver apparatus such as to minimize the irradiation of its user. By placing the antenna in a suitable position such as to be far away from the user's head, a greatly reduced irradiation can be obtained. <IMAGE>

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IPC 8 full level

H01Q 1/24 (2006.01)

CPC (source: EP)

H01Q 1/245 (2013.01)

Citation (search report)

- [XA] EP 0339629 A2 19891102 - MOTOROLA INC [US]
- [XA] EP 0214806 A2 19870318 - NEC CORP [JP]
- [XP] EP 0532960 A1 19930324 - SIEMENS AG [DE]
- [XP] FR 2679086 A1 19930115 - MATRA COMMUNICATION [FR]

Cited by

GB2280322B; GB2339361A; EP0997978A1; EP0675562A1; GB2350482A; GB2358103A; US6005525A; GB2366476A; EP0689297A1; GB2358759A; GB2358759B; GB2319416A; GB2319416B; EP1271687A4; EP1443590A3; US5940039A; EP0806809A4; US6721420B1; WO9723015A1; WO9749191A1; WO9421053A1; WO0154439A1; US7031762B2; US7225003B2

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