

Title (en)

Portable radio telephone with means for protecting its user from electromagnetic radiation

Title (de)

Tragbares Funktelefon mit einer Anordnung zum Schützen von Benutzern gegen Strahlung

Title (fr)

Radiotéléphone portable muni de moyens pour protéger l'utilisateur contre le rayonnement de cet émetteur

Publication

EP 0603082 B1 20000405 (FR)

Application

EP 93403088 A 19931217

Priority

FR 9215267 A 19921217

Abstract (en)

[origin: EP0603082A1] Means of protection (6, 18) are associated with the radiating system (16) of a transmitter constituting a radio telephone (4). Their function is to reduce an interception ratio which is the proportion in which the body of the user (2) intercepts the radiation emitted (20), in order to make it possible to increase the total power of this radiation. According to the invention, they include a casing (18) dictating safety distances (33, 34, 35) between the radiating system and the body of the user. They moreover include a screen (6) absorbing this radiation. The invention applies particularly to long-range radio telephones. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

US5854970A; EP1981119A1; EP0689297A1; US7791547B2; US8013797B2; US8253635B2; US8432325B2; US7554496B2

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