

Title (en)

Antenna for portable radio equipment.

Title (de)

Antenne für tragbares Funkgerät.

Title (fr)

Antenne pour appareil radio portable.

Publication

**EP 0459391 A2 19911204 (EN)**

Application

**EP 91108683 A 19910528**

Priority

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Abstract (en)

An antenna (10) for portable radio equipment serves as a  $\lambda/2$  wavelength long antenna when extended (Fig.1A) or as a less than  $\lambda/4$  wavelength long antenna such as a  $\lambda/8$  wavelength long antenna when contracted (Fig.1B). Both of such antenna configurations are matched by a single matching circuit (14) with respect to impedance. The antenna radiates power efficiently in the horizontal plane. <IMAGE> <IMAGE>

IPC 1-7

**H01Q 1/10**; **H01Q 1/24**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0508836A1; EP1603310A1; FR2773289A1; GB2324658A; GB2324658B; EP0609103A1; US5455595A; US7158085B2; WO9723014A1

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