

Title (en)

Antenna system for portable radio apparatus.

Title (de)

Antennensystem für tragbares Funkgerät.

Title (fr)

Système d'antenne pour un appareil radio-électrique portatif.

Publication

**EP 0415703 A1 19910306 (EN)**

Application

**EP 90309385 A 19900828**

Priority

JP 22346089 A 19890829

Abstract (en)

An antenna for a portable radio apparatus has a first antenna construction (12) connected to the casing (11) of the apparatus and a second antenna construction (18) affixed to a base plate or earth plate (17) which is incorporated in the casing. The first antenna construction (12) has a movable joint (14) which allows the first antenna construction (12) to move between a first position where it is regarded as forming a part of the contour of the casing (11) and a second position where it is protruded from the contour and regarded as being located in free space. The second antenna construction (18) corrects the matching state of the first antenna construction (12) such that adequate antenna radiation characteristics are set up in the first position. Optimal antenna characteristics are, therefore, achievable when the first antenna construction is in any one of the first and second positions.

IPC 1-7

**H01Q 1/24**

IPC 8 full level

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CPC (source: EP KR)

**H01Q 1/084** (2013.01 - EP); **H01Q 1/12** (2013.01 - KR); **H01Q 1/24** (2013.01 - KR); **H01Q 1/242** (2013.01 - EP); **H01Q 1/243** (2013.01 - EP); **H01Q 1/44** (2013.01 - KR)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 258 (E-350)(1981) 16 October 1985, & JP-A-60 107903 (ZENERARU RESEARCH OBU EREKUTORONITSUKUSU) 13 June 1985,

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