

Title (en)

Tuned-loop antenna with band switching.

Title (de)

Abgestimmte Rahmenantenne mit umschaltbarem Frequenzbereich.

Title (fr)

Antenne boucle accordée à commutation de gammes.

Publication

EP 0124441 A1 19841107 (FR)

Application

EP 84400850 A 19840426

Priority

FR 8306948 A 19830427

Abstract (en)

[origin: US4617571A] The invention relates to a loop antenna tuned by means of a variable capacitor. The antenna includes, in parallel with the variable capacitor (4), a switchable state variable inductor (11). The invention is particularly applicable to antennas for HF radio links at powers of up to 1 kW.

Abstract (fr)

L'antenne comporte, en parallèle au condensateur variable (4) une self (11) à état de commutation variable. Application notamment aux antennes destinées aux liaisons dans la gamme HF avec une puissance pouvant atteindre 1 kW.

IPC 1-7

H01Q 5/00

IPC 8 full level

H01Q 7/00 (2006.01)

CPC (source: EP US)

H01Q 7/005 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE GB NL

DOCDB simple family (publication)

EP 0124441 A1 19841107; EP 0124441 B1 19900110; DE 3481029 D1 19900215; FR 2545279 A1 19841102; FR 2545279 B1 19860314; US 4617571 A 19861014

DOCDB simple family (application)

EP 84400850 A 19840426; DE 3481029 T 19840426; FR 8306948 A 19830427; US 60347284 A 19840424