

Title (en)

High efficient and high power antenna system

Title (de)

Effizientes Hochleistungsantennensystem

Title (fr)

Système antenne à rendement élevé et à forte puissance

Publication

EP 1291974 A1 20030312 (FR)

Application

EP 02292218 A 20020910

Priority

FR 0111738 A 20010911

Abstract (en)

The antenna system is made of identical radiating structures. Each structure is connected to a feed impedance adaptor. A processor (15) with control logic (Cm) is adapted to match to the master radiating structure and a logic structure (Cs) transfers the matching parameter to the slave radiating structure.

Abstract (fr)

Système antenne composé de (N+1) structures rayonnantes sensiblement identiques avec N supérieur ou égal à 1, lesdites (N+1) structures étant disposées parallèlement les unes aux autres et chaque structure rayonnante est reliée à un dispositif d'alimentation et d'adaptation d'impédance. Utilisation pour des gammes de fréquences comprises entre 1.5 à 30 MHz. <IMAGE>

IPC 1-7

H01Q 21/12; **H01Q 1/24**; **H01Q 1/32**

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 1/32** (2006.01); **H01Q 21/12** (2006.01)

CPC (source: EP US)

H01Q 1/246 (2013.01 - EP US); **H01Q 1/3275** (2013.01 - EP US); **H01Q 21/12** (2013.01 - EP)

Citation (applicant)

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- FR 2553586 A1 19850419 - APPLIC RECH ELECTRONIQUE [FR]
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- DE 19955950 A1 20010613 - DAIMLER CHRYSLER AG [DE]
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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 23 10 February 2001 (2001-02-10)

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EP 1291974 A1 20030312; **EP 1291974 B1 20121205**; CA 2404504 A1 20030311; FR 2829622 A1 20030314; FR 2829622 B1 20040409; US 2003071760 A1 20030417; US 6784847 B2 20040831

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