

Title (en)

Antenna assembly

Title (de)

Antennenanordnung

Title (fr)

Dispositif d'antenne

Publication

**EP 1130682 A3 20040414 (EN)**

Application

**EP 01301181 A 20010209**

Priority

US 51556400 A 20000229

Abstract (en)

[origin: EP1130682A2] This invention generally relates to an antenna assembly and more particularly to a vehicular antenna assembly having a single antenna element which is adapted to receive a long/medium wave signal and a very high frequency signal and further having a pair of circuits which are each respectively adapted to process a unique one of the received signals. The antenna assembly (10) has a single antenna element (12) which receives signals (14,16). Antenna assembly (10) includes a first processing circuit assembly (18) for processing and/or amplifying signal (16) and a second processing circuit assembly (20) for processing and/or amplifying amplitude modulated signal (14). The processed and/or amplified signals (14,16) are combined and communicated to a receiver by use of bus or coaxial cable (72). <IMAGE>

IPC 1-7

**H01Q 23/00**; **H01Q 1/12**; **H01Q 1/10**; **H01Q 5/00**

IPC 8 full level

**H01Q 1/32** (2006.01); **H01Q 1/12** (2006.01); **H01Q 5/00** (2015.01); **H01Q 5/10** (2015.01); **H01Q 23/00** (2006.01); **H04B 1/18** (2006.01)

CPC (source: EP)

**H01Q 1/1278** (2013.01); **H01Q 23/00** (2013.01)

Citation (search report)

- [X] DE 4216376 A1 19931125 - LINDENMEIER HEINZ [DE]
- [X] US 5231408 A 19930727 - NAKASE KAZUHIKO [JP]
- [X] US 5285048 A 19940208 - NAKASE KAZUHIKO [JP]

Cited by

CN101953024A; CN102710353A; WO2009108770A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1130682 A2 20010905**; **EP 1130682 A3 20040414**; JP 2001285108 A 20011012

DOCDB simple family (application)

**EP 01301181 A 20010209**; JP 2001047687 A 20010223