

Title (en)

Apparatus for the isofrequential broadcasting of radio programmes, particularly in frequency modulation, along a highway.

Title (de)

Vorrichtung für die isofrequenzielle Übertragung von Rundfunkprogrammen, insbesondere in Frequenzmodulation entlang einer Autobahn.

Title (fr)

Dispositif de diffusion isofréquentielle de programmes radio, particulièrement en modulation de fréquence, le long d'une autoroute.

Publication

**EP 0291676 A2 19881123 (EN)**

Application

**EP 88105345 A 19880402**

Priority

IT 2060887 A 19870521

Abstract (en)

The apparatus is aimed at radio receivers on board vehicles in movement along a highway without changes in tuning, and comprises: a plurality of emitting antennae (12, 14) arranged at intervals along said highway, and respective radio-frequency amplifiers (36, 42) connected to feed said antennae; an optical fiber line (18) adjacent to said highway, fed at one end by an optical transmitter (28) driven by a radio-frequency signal to be broadcast; means (30, 38) for tapping the radio-frequency signal from the optical fiber line at each radio-frequency amplifier; and delay means (34, 40) for delaying the radio-frequency signal having their input connected to the output of said tapping means and their output connected to said radio-frequency amplifiers; the delay introduced by each of said delay means being such that in the equisignal region between every two adjacent emitting antennae the broadcast signal is substantially coherent.

IPC 1-7

**G08G 1/09**

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102004016406B4; FR2639492A1; AU662245B2; DE10248685A1; FR2710010A1; EP0582103A3; EP0504018A1; FR2673784A1

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**EP 0291676 A2 19881123**; **EP 0291676 A3 19890329**; **EP 0291676 B1 19911016**; DE 291676 T1 19890330; DE 3865520 D1 19911121; IT 1205657 B 19890331; IT 8720608 A0 19870521

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