Title (en)

DAB-FM electronic unit for receiving audio data as a Digital Audio Broadcasting (DAB) signal and remodulating this audio data as an FM broadcast signal

Title (de)

Elektronische DAB-FM-Einheit für den Empfang von Audiodaten als ein digitales Rundfunksignal und zum remodulieren dieser Audiodaten als ein frequenzmoduliertes Rundfunksignal

Title (fr)

Unité électronique DAB-FM pour la réception de données audiophoniques en provenance d'une émission audio numérique et pour remoduler ces données audiophoniques comme un signal en modulation de fréquence

Publication

EP 2495895 A3 20121017 (EN)

Application

EP 12001258 A 20120227

Priority

IT AT20110001 A 20110302

Abstract (en)

[origin: EP2495895A2] A DAB-FM electronic unit (1) is described, adapted to acquire audio data in Digital Audio Broadcasting, DAB, so that they can be re-converted into standard audio data in stereo Frequency Modulation, FM, radio-broadcasting;: this unit (1) comprises: a receiver (DAB Rec) of DAB audio data; a micro-controller (M) capable of managing an internal processor for performing a radio DAB digital radio/stereo FM conversion; a modulator (FM M) of audio data in stereo FM radio-broadcasting, capable of modulating said data, converting them and transmitting them through an audio system on a vehicle by means of a OEM or aftermarket car radio; and a device (SW) for managing the unit (1) through OEM or aftermarket controls (2) on a steering wheel of the vehicle; this electronic unit (1) is embedded into the system for managing and controlling the vehicle.

IPC 8 full level

H04H 20/62 (2008.01)

CPC (source: EP)

H04H 20/62 (2013.01)

Citation (search report)

- [X] US 2009010448 A1 20090108 - VOTO ROBERT M [US], et al
- [A] EP 1571766 A2 20050907 - PACE MICRO TECH PLC [GB]
- [A] WO 2005086394 A1 20050915 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [A] US 2008214101 A1 20080904 - VOTO ROBERT M [US]

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DE102013015101A1; CN115412109A; NO20171600A1; NO345505B1; US10033090B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2495895 A2 20120905; **EP 2495895 A3 20121017**; IT AT20110001 A1 20120903

DOCDB simple family (application)

EP 12001258 A 20120227; IT AT20110001 A 20110302