

Title (en)

Automobile antenna device for receiving AM, FM and television signals

Title (de)

Fahrzeug-Antennenanordnung für den Empfang von LMK-, UKW- und TV- Signalen

Title (fr)

Système d'antenne pour véhicule destiné à la réception de signaux en ondes longues, moyennes, courtes, ultra-courtes et de signaux de télévision

Publication

**EP 1387432 B1 20060823 (DE)**

Application

**EP 03012397 A 20030530**

Priority

DE 10234851 A 20020731

Abstract (en)

[origin: EP1387432A1] The antenna has horizontal or vertical antenna conductors on a vehicle pane that can be at least partly connected as heating conductors (3) for heating the pane. The antenna arrangement has at least two additional antenna conductors (6) that are arranged perpendicularly to the vertical or horizontal conductors and are connected to equipotential-potential points of the voltage distribution formed.

IPC 8 full level

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

CPC (source: EP)

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Cited by

CN110168806A; WO2018131645A1

Designated contracting state (EPC)

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**EP 1387432 A1 20040204; EP 1387432 B1 20060823**; DE 10234851 A1 20040212; DE 50304716 D1 20061005

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