

Title (en)
VEHICLE WINDOW ANTENNA

Title (de)
FAHRZEUGSCHEIBENANTENNE

Title (fr)
ANTENNE DE VITRE DE VEHICULE

Publication
EP 1683230 B1 20080123 (DE)

Application
EP 04766800 A 20040915

Priority
• EP 2004052188 W 20040915
• DE 10350780 A 20031030

Abstract (en)
[origin: WO2005043672A1] The invention relates to a vehicle window antenna that is equipped with conductor assemblies for both FM (LFM) and AM (LAM) reception, said assemblies being separated with regard to HF voltage from the heating circuit (B) by means of decoupling and matching circuits (EA1, EA2). The second decoupling and matching circuit (EA2) in the AM circuit is located downstream of the first decoupling and matching circuit (EA1) in the FM circuit and is situated in particular in the auxiliary circuit of said first decoupling and matching circuit. The FM structures can thus be used as supply conductors for the AM structure. The filtering requirements for the second decoupling and matching circuit can be kept to a minimum.

IPC 8 full level
H01Q 1/12 (2006.01)

CPC (source: EP US)
H01Q 1/1278 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
WO 2005043672 A1 20050512; BR PI0408368 A 20060321; BR PI0408368 B1 20180703; DE 10350780 A1 20050602; DE 502004006072 D1 20080313; EP 1683230 A1 20060726; EP 1683230 B1 20080123; JP 2006514509 A 20060427; JP 4146470 B2 20080910; US 2009015493 A1 20090115; US 7616162 B2 20091110

DOCDB simple family (application)
EP 2004052188 W 20040915; BR PI0408368 A 20040915; DE 10350780 A 20031030; DE 502004006072 T 20040915; EP 04766800 A 20040915; JP 2005518220 A 20040915; US 57790504 A 20040915