

Title (en)
ANTENNA COMPRISING A PLASTIC HOUSING

Title (de)
ANTENNE MIT GEHÄUSE AUS KUNSTSTOFF

Title (fr)
ANTENNE A BOITIER EN PLASTIQUE

Publication
EP 1604426 A1 20051214 (DE)

Application
EP 04704196 A 20040122

Priority
• EP 2004000486 W 20040122
• DE 10311835 A 20030318

Abstract (en)
[origin: WO2004084342A1] The invention relates to a vehicle antenna (1), designed to be mounted on a vehicle surface (4). Said antenna comprises a base body (2) consisting of metal and a plastic antenna housing (3), which surrounds the antenna elements that are placed on the base body (2). According to the invention, the base body (2) has at least one sub-section (2.2) consisting of plastic and the antenna housing (3) is permanently connected to said sub-section (2.2) once the antenna elements have been mounted.

IPC 1-7
H01Q 1/12; **H01Q 1/32**; **H01Q 1/42**

IPC 8 full level
H01Q 1/12 (2006.01); **H01Q 1/32** (2006.01); **H01Q 1/42** (2006.01)

CPC (source: EP US)
H01Q 1/1214 (2013.01 - EP US); **H01Q 1/3275** (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US)

Citation (search report)
See references of WO 2004084342A1

Cited by
DE102012108786B4; DE102012108786A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2004084342 A1 20040930; CN 1759503 A 20060412; EP 1604426 A1 20051214; EP 1604426 B1 20110525; JP 2006515493 A 20060525; US 2007035459 A1 20070215; US 7239280 B2 20070703

DOCDB simple family (application)
EP 2004000486 W 20040122; CN 200480006507 A 20040122; EP 04704196 A 20040122; JP 2005518645 A 20040122; US 54983304 A 20040122