

Title (en)
Passive cellular telephone antenna system

Title (de)
Passives Antennensystem für zellulares Telefon

Title (fr)
Système d'antenne passif pour téléphone cellulaire

Publication
EP 0458592 B1 19960131 (EN)

Application
EP 91304582 A 19910521

Priority
US 52718190 A 19900522

Abstract (en)
[origin: EP0458592A2] A mast radiator (12) is affixed to a glass or other non conductive exterior panel (16) of a vehicle and is provided with a dipole element (18) and one or more parasitic elements to exchange signals, with gain, between the mast (12) and the antenna of a portable cellular telephone unit within the vehicle. In the preferred embodiment, a separate base unit (14) with parasitic elements is mounted on the same glass panel (16) on the opposite surface and opposite the base of the mast radiator (12). <IMAGE>

IPC 1-7
H01Q 1/32; **H01Q 1/12**; **H04B 7/145**

IPC 8 full level
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CPC (source: EP KR)
H01Q 1/1285 (2013.01 - EP); **H01Q 1/3283** (2013.01 - EP); **H01Q 9/00** (2013.01 - KR)

Cited by
DE10243695B4; EP0684704A3; GB2266997A; US5898408A; US5600333A; US6172651B1

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