

Title (en)

External vehicle antenna, suitable for a back-up aid indicator

Title (de)

Externe Fahrzeugantenne für eine Rückfahrlilfe-Anzeige

Title (fr)

Une antenne extérieure pour véhicule pour un indicateur d'assistance au recul

Publication

EP 1662609 A1 20060531 (EN)

Application

EP 06075316 A 20021216

Priority

- EP 02797329 A 20021216
- US 34054301 P 20011214

Abstract (en)

A back-up aid indication system for a vehicle includes a sensor for providing detection coverage in a predetermined coverage zone behind a vehicle. The sensor includes an external antenna adapted for transmitting an RF field having a quasi-collimated antenna pattern in a near field. The antenna comprises a housing (266) disposed across the fascia (200) of the rear bumper of the vehicle, a plurality of flexible waveguide channels (272) disposed within the housing and each having a pair of inner surfaces (268) and a slot surface (274), and at least one coax probe (270) coupled to at least one of the plurality of flexible waveguide channels.

IPC 8 full level

H01Q 1/32 (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP)

H01Q 1/3283 (2013.01)

Citation (search report)

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- [A] GB 2248974 A 19920422 - QUASAR MICROWAVE TECH [GB]
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 067 (E - 011) 20 May 1980 (1980-05-20)

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