

Title (en)

GLASS ANTENNA-EQUIPPED VEHICLE FRONT GLASS

Title (de)

MIT GLASANTENNE AUSGESTATTETE FAHRZEUGFRONTSCHIEBE

Title (fr)

VITRE AVANT DE VÉHICULE ÉQUIPÉE D'UNE ANTENNE EN VERRE

Publication

EP 2940793 A1 20151104 (EN)

Application

EP 13868565 A 20131227

Priority

- JP 2012285247 A 20121227
- JP 2013085261 W 20131227

Abstract (en)

It is to provide a vehicle windshield provided with a glass antenna configured to be capable of dealing with dual bandwidths such as DAB, to have high receiver sensitivity, and not to disturb visibility from a driver's seat. The vehicle windshield provided with a glass antenna includes a glass antenna having an antenna conductor and a power feeder unit 12, and a light shield black film 14 being formed in a circumferential edge region of the vehicle windshield, and having a convex portion 15 which protrudes inwards in an in-plane direction from a region along an upper side of the vehicle windshield in the circumferential edge region and which is formed in a trapezoidal shape. The power feeder unit 12 is provided in the circumferential edge region close to the convex portion 15, and the antenna conductor has a first antenna element 1 connected to the power feeder unit 12 and configured to extend diagonally along a lateral side of the convex portion 15, and a second antenna element 2 connected to the first antenna element 1 and configured to extend in parallel with the first antenna element 1 while a predetermined gap is present therebetween.

IPC 8 full level

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CPC (source: EP)

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