

Title (en)

GLASS-INTEGRATED ANTENNA AND VEHICLE-USE GLAZING PROVIDED WITH SAME

Title (de)

GLASINTEGRIERTE ANTENNE UND FÜR EIN FAHRZEUG VERWENDBARE VERGLASUNG DAMIT

Title (fr)

ANTENNE INTÉGRÉE DANS DU VERRE ET VITRE UTILISÉE POUR UN VÉHICULE LA COMPORTANT

Publication

EP 2672565 A1 20131211 (EN)

Application

EP 12741960 A 20120127

Priority

- JP 2011023359 A 20110204
- JP 2012051866 W 20120127

Abstract (en)

A glass antenna arranged at a window glass (23) includes a signal-side feeding portion (16) and a ground-side feeding portion (17) that are aligned in a vertical direction; an F-shaped element that is formed into an F-shape by a linear conductor (1) connected to the signal-side feeding portion (16) and extending in the horizontal direction and linear conductors (2, 3) extending in the vertical direction from the linear conductor (1) as an origin; and an L-shaped element formed into an L-shape by a linear conductor (4) connected to the ground-side feeding portion (17) and extending in the horizontal direction and a linear conductor (5) extending upward from the linear conductor (4) as an origin.

IPC 8 full level

H01Q 1/12 (2006.01); **H01Q 1/32** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/10** (2015.01)

CPC (source: EP)

H01Q 1/1271 (2013.01); **H01Q 5/40** (2015.01); **H01Q 9/42** (2013.01)

Cited by

US10116035B2; US9975805B2; US11535555B2

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EP 2672565 A1 20131211; **EP 2672565 A4 20141224**; **EP 2672565 B1 20181114**; JP 5867416 B2 20160224; JP WO2012105456 A1 20140703; WO 2012105456 A1 20120809

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