

Title (en)

WINDOW ASSEMBLY WITH TRANSPARENT LAYER AND AN ANTENNA ELEMENT

Title (de)

FENSTERANORDNUNG MIT DURCHSICHTIGER SCHICHT UND EINEM ANTENNENEINHEIT

Title (fr)

ENSEMBLE VITRE POURVU D'UNE COUCHE TRANSPARENTE ET D'UN ÉLÉMENT D'ANTENNE

Publication

EP 3430676 A1 20190123 (EN)

Application

EP 16723923 A 20160511

Priority

US 2016031832 W 20160511

Abstract (en)

[origin: WO2017196316A1] A window assembly includes a substrate with an electrically conductive transparent layer that defines an area having a periphery. An outer region devoid of the transparent layer is defined adjacent to and along the periphery. An elongated antenna element is disposed in the outer region. A feeding element couples to the antenna element for energizing the antenna element. The area of the transparent layer defines at least two protrusions being spaced apart from one another and extending integrally from the area and into the outer region. The antenna element abuts and is in direct electrical contact with the at least two protrusions. The feeding element couples to the antenna element at a location between the at least two protrusions or at one of the at least two protrusions.

IPC 8 full level

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CPC (source: EA EP)

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Citation (search report)

See references of WO 2017196316A1

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