

Title (en)  
VEHICLE WINDOW

Title (de)  
FAHRZEUGSCHEIBE

Title (fr)  
VITRE DE VÉHICULE

Publication  
**EP 3966890 B1 20230524 (DE)**

Application  
**EP 20719470 A 20200423**

Priority  
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Abstract (en)  
[origin: WO2020224973A1] The invention relates to a vehicle pane with a first substrate (GS1), at least one antenna structure (ANT), and a connection region (AB). The antenna structure (ANT) is arranged on a flexible film (F), and additionally a first line region (GPCW1) is provided on the flexible film (F). The connection region (AB) is arranged on a support (T), and additionally the second line region (GPCW2) is provided on the support (T), wherein the flexible film (F) has a first contact region (C1), and the support has a second contact region (C2) for reciprocally connecting the first line region (GPCW1) and the second line region (GPCW2) together, said flexible film (F) being guided around an end of the first substrate (GS1).

IPC 8 full level  
**H01P 5/02** (2006.01); **H01Q 1/12** (2006.01)

CPC (source: EP KR US)  
**H01P 5/028** (2013.01 - EP KR); **H01Q 1/1271** (2013.01 - EP KR US); **H01Q 1/3208** (2013.01 - US); **H01Q 1/325** (2013.01 - US)

Citation (opposition)  
Opponent : AGC Glass Europe  
• US 2018037006 A1 20180208 - DROSTE STEFAN [DE], et al  
• WO 2020126606 A1 20200625 - SAINT GOBAIN [FR]  
• US 2014060921 A1 20140306 - REUL BERNHARD [DE], et al  
• US 2017033433 A1 20170202 - WINKELMANN ANDREAS [DE], et al  
• US 2017324143 A1 20171109 - TALTY TIMOTHY J [US], et al  
• JP 2003101319 A 20030404 - TOSHIBA CORP  
• US 2013099981 A1 20130425 - VORTMEIER GUNTHER [DE], et al  
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• US 2012098715 A1 20120426 - DAI DAVID [US]  
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• DE 20210286 U1 20021212 - FUBA AUTOMOTIVE GMBH [DE]  
• US 2009251357 A1 20091008 - MARGOMENOS ALEXANDROS [US]  
• US 2007159395 A1 20070712 - SIEVENPIPER DANIEL F [US], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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