

Title (en)
APPARATUS AND METHODS FOR VARIABLE TINT GLAZING

Title (de)
VORRICHTUNG UND VERFAHREN ZUR VERGLASUNG MIT VERÄNDERLICHER FARBE

Title (fr)
APPAREIL ET PROCÉDÉS DE VITRAGE À TEINTE VARIABLE

Publication
EP 4214863 A1 20230726 (EN)

Application
EP 21778440 A 20210917

Priority
• GB 202014728 A 20200918
• EP 2021075700 W 20210917

Abstract (en)
[origin: GB2598923A] A control system 1106 and method of controlling a variable tint (VT) glazing system 1110 of a vehicle that is configured to: receive a frequency band signal indicative of a radio reception frequency 1102 of a radio receiver of the vehicle (e.g. in-vehicle radio for listening to AM/FM radio broadcasts); compare the radio reception frequency with an operating frequency 1104 of the VT glazing system to determine a frequency shift 1108 for the operating frequency in dependence on the comparison; and output a frequency shift signal 1108 indicative of the determined frequency shift to control the operating frequency of the VT glazing system 1110. This can avoid interference between the operating frequency and the radio reception frequency and reduce unwanted noise in audio output. The system may also receive the frequency band signal in dependence on receipt of user identification data that indicates a particular user is accessing the vehicle.

IPC 8 full level
H04B 15/00 (2006.01)

CPC (source: EP GB)
B60J 3/04 (2013.01 - GB); **B60R 16/037** (2013.01 - GB); **G02F 1/0121** (2013.01 - GB); **H04B 15/00** (2013.01 - EP); **H04B 15/005** (2013.01 - EP); **H04B 15/02** (2013.01 - GB); **E06B 2009/2464** (2013.01 - GB)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
GB 202014728 D0 20201104; GB 2598923 A 20220323; GB 2598923 B 20230809; EP 4214863 A1 20230726; WO 2022058549 A1 20220324

DOCDB simple family (application)
GB 202014728 A 20200918; EP 2021075700 W 20210917; EP 21778440 A 20210917