

(12) International Application Status Report

Received at International Bureau: 27 September 2018 (27.09.2018)

Information valid as of: 13 March 2019 (13.03.2019)

Report generated on: 23 September 2019 (23.09.2019)

(10) Publication number:

WO2019/064233

(43) Publication date:

04 April 2019 (04.04.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/IB2018/057517

(22) Filing Date:

27 September 2018 (27.09.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/563,914 (US)

(31) Priority date(s):

27 September 2017 (27.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

B60R 1/12 (2006.01); **G02B 15/00** (2006.01); **H04N 7/18** (2006.01)

(71) Applicant(s):

GENTEX CORPORATION [US/US]; 600 North Centennial Street Zeeland, MI 49464 (US) *(for all designated states)*

(72) Inventor(s):

WELLER, Andrew D.; 600 North Centennial Street Zeeland, MI 49464 (US)

(74) Agent(s):

CALLAGHAN, Terry S.; Price Heneveld LLP 695 Kenmoor, S.E. P.O. Box 2567 Grand Rapids, MI 49501-2567 (US)

(54) Title (EN): FULL DISPLAY MIRROR WITH ACCOMMODATION CORRECTION

(54) Title (FR): RÉTROVISEUR À AFFICHAGE COMPLET À CORRECTION D'ACCOMMODATION

(57) Abstract:

(EN): The disclosure provides for a display apparatus for a vehicle. The display apparatus includes a display screen configured to emit images in an emission direction; a mirror apparatus configured to reflect the images from the display screen towards a viewing direction; and a lens apparatus configured to receive the images from the mirror, wherein the lens apparatus is configured to project the images to a focal distance substantially opposite the viewing direction, wherein the focal distance is positioned at least about 750 mm from eyes of the driver.

(FR): L'invention concerne un appareil d'affichage pour un véhicule. L'appareil d'affichage comprend un écran d'affichage configuré pour émettre des images dans une direction d'émission ; un appareil de rétroviseur configuré pour réfléchir les images de l'écran d'affichage vers une direction de visualisation ; et un appareil de lentille configuré pour recevoir les images provenant du rétroviseur, l'appareil à lentille étant configuré pour projeter les images à une distance focale sensiblement opposée à la direction de visualisation, la distance focale étant positionnée à au moins environ 750 mm des yeux du conducteur.

International search report:

Received at International Bureau: 27 December 2018 (27.12.2018) [RU]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))