

Title (en)
SCANNED LIGHT BEAM VIDEO PROJECTION SYSTEM AND METHOD, AUTOMOTIVE VEHICLE HEAD-UP DISPLAY AND ADAPTIVE LIGHTING DEVICE USING SUCH A SYSTEM

Title (de)
ABGETASTETES LICHTBÜNDELVIDEOPROJEKTIONSSYSTEM UND VERFAHREN, HEAD-UP-ANZEIGE IN EINEM KRAFTFAHRZEUG UND ADAPTIVE BELEUCHTVORRICHTUNG MIT SOLCH EINEM SYSTEM

Title (fr)
SYSTÈME ET PROCÉDÉ DE PROJECTION VIDÉO PAR BALAYAGE DE FAISCEAU LUMINEUX, AFFICHEUR TÊTE HAUTE ET DISPOSITIF D'ÉCLAIRAGE ADAPTATIF POUR VÉHICULE AUTOMOBILE UTILISANT UN TEL SYSTÈME

Publication
EP 4154047 A1 20230329 (FR)

Application
EP 14828186 A 20141218

Priority
• FR 1363697 A 20131230
• FR 2014000295 W 20141218

Abstract (en)
[origin: WO2015101725A1] The invention relates to a scanned light beam video projection system. The system is characterised in that it comprises a device (1) for emitting a light beam (18) modulated by a video signal, and scanning means (20) able to deviate said light beam (18) in order to allow a video image (22) to be formed, the emitting device (1) comprising at least two separate light sources (24, 25) each emitting a light sub-beam (14, 15) of different substantially rectilinear polarisation to the other, and a recombining device (12) configured to form said light beam (18) by adding the two light sub-beams (14, 15), in the direction of the scanning means (20).

IPC 8 full level
B60Q 1/12 (2006.01); **G02B 26/10** (2006.01); **G02B 27/28** (2006.01); **G03B 21/00** (2006.01); **G03B 27/10** (2006.01)

CPC (source: EP US)
F21S 41/16 (2017.12 - EP US); **F21S 41/176** (2017.12 - EP); **F21S 41/675** (2017.12 - EP US); **G02B 26/101** (2013.01 - EP US); **G02B 27/0101** (2013.01 - US); **G02B 27/104** (2013.01 - EP US); **G02B 27/126** (2013.01 - EP US); **G02B 27/283** (2013.01 - EP US); **G03B 21/2013** (2013.01 - EP US); **G03B 21/204** (2013.01 - US); **G03B 21/2073** (2013.01 - EP US); **H04N 9/3129** (2013.01 - US); **H04N 9/3161** (2013.01 - US); **H04N 9/3164** (2013.01 - US); **H04N 9/317** (2013.01 - US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/30** (2016.07 - EP US); **G02B 27/0905** (2013.01 - EP US)

Citation (search report)
See references of WO 2015101725A1

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

DOCDB simple family (publication)
FR 3016053 A1 20150703; FR 3016053 B1 20170421; CN 106415362 A 20170215; EP 4154047 A1 20230329; JP 2017504833 A 20170209; US 2016323550 A1 20161103; WO 2015101725 A1 20150709

DOCDB simple family (application)
FR 1363697 A 20131230; CN 201480071587 A 20141218; EP 14828186 A 20141218; FR 2014000295 W 20141218; JP 2016543723 A 20141218; US 201415108677 A 20141218