

Title (en)
OPTOELECTRONIC DEVICE FOR ACQUIRING MULTI-VIEWPOINT IMAGES AND/OR DISPLAYING MULTI-VIEWPOINT IMAGES

Title (de)
OPTOELEKTRONISCHE VORRICHTUNG ZUR AUFNAHME VON BILDERN MIT MEHREREN BLICKPUNKTEN UND/ODER ZUR ANZEIGE VON BILDERN MIT MEHREREN BLICKPUNKTEN

Title (fr)
DISPOSITIF OPTOELECTRONIQUE POUR L'ACQUISITION D'IMAGES SELON PLUSIEURS POINTS DE VUE ET/OU L'AFFICHAGE D'IMAGES SELON PLUSIEURS POINTS DE VUE

Publication
EP 3900039 A1 20211027 (FR)

Application
EP 19845709 A 20191217

Priority
• FR 1873198 A 20181218
• FR 2019053134 W 20191217

Abstract (en)
[origin: WO2020128314A1] The present description relates to an optoelectronic device (10) for displaying and/or acquiring multiscopic images, comprising a support (12), an array of optoelectronic circuits (Pix) resting on the support and lenses covering the optoelectronic circuits. Each optoelectronic circuit comprises a number N of photosensitive sensors (25) suitable for capturing one or more pixels of an image of a scene according to different viewpoints and/or the number N of display circuits (30) suitable for displaying one or more pixels of an image of a scene according to the different viewpoints, N being a natural integer greater than or equal to 3.

IPC 8 full level
H01L 25/16 (2006.01); **H04N 13/232** (2018.01); **H04N 13/307** (2018.01)

CPC (source: EP KR US)
H01L 25/0753 (2013.01 - EP KR); **H01L 25/167** (2013.01 - EP KR US); **H01L 27/14627** (2013.01 - US); **H01L 27/14687** (2013.01 - US); **H01L 33/005** (2013.01 - US); **H01L 33/58** (2013.01 - KR US); **H04N 13/229** (2018.05 - EP KR); **H04N 13/232** (2018.05 - EP KR); **H04N 13/243** (2018.05 - EP KR); **H04N 13/282** (2018.05 - EP KR); **H04N 13/305** (2018.05 - KR); **H04N 13/307** (2018.05 - EP KR); **H04N 13/349** (2018.05 - EP); **H04N 13/351** (2018.05 - KR); **H01L 33/58** (2013.01 - EP); **H04N 13/305** (2018.05 - EP); **H04N 13/351** (2018.05 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
FR 1873198 A 20181218; CN 201980091826 A 20191217; EP 19845709 A 20191217; FR 2019053134 W 20191217; JP 2021535907 A 20191217; KR 20217019566 A 20191217; TW 108146390 A 20191218; US 201917312346 A 20191217