

Title (en)

RECEIVER FOR A SYSTEM FOR LIGHT TRANSMISSION, SYSTEM FOR LIGHT TRANSMISSION AND METHOD FOR OPERATING A SYSTEM FOR LIGHT TRANSMISSION

Title (de)

EMPFÄNGER FÜR EIN SYSTEM ZUR LICHTÜBERTRAGUNG, SYSTEM ZUR LICHTÜBERTRAGUNG UND VERFAHREN ZUM BETRIEB EINES SYSTEMS ZUR LICHTÜBERTRAGUNG

Title (fr)

RÉCEPTEUR POUR SYSTÈME DE TRANSMISSION DE LUMIÈRE, SYSTÈME DE TRANSMISSION DE LUMIÈRE ET PROCÉDÉ DE FONCTIONNEMENT D'UN SYSTÈME DE TRANSMISSION DE LUMIÈRE

Publication

EP 4049385 A1 20220831 (DE)

Application

EP 20786456 A 20201001

Priority

- DE 102019007311 A 20191021
- EP 2020025444 W 20201001

Abstract (en)

[origin: WO2021078402A1] The invention relates to a receiver (12) for a system (10) for light transmission, comprising a camera (6) that has an image sensor (4), wherein a light-sensitive area of the image sensor (4) comprises a plurality of rows of light-sensitive elements, wherein the image sensor (4) is embodied in such a way that the light-sensitive area of the image sensor (4) is scanned row-by-row or column-by-column, and an attachment element (3) that is arranged in such a way that light incident on the light-sensitive area of the image sensor (4) passes through the attachment element (3) first. Here, the attachment element (3) has at least one lenticular region (31) and at least one planar region (32). The invention also relates to a system (10) for light transmission which comprises a receiver (12) according to the invention and a transmitter (14), and to a method for operating a system (10) according to the invention for light transmission.

IPC 8 full level

H04B 10/116 (2013.01)

CPC (source: EP US)

G02B 30/27 (2020.01 - US); **H04B 10/116** (2013.01 - EP); **H04N 23/55** (2023.01 - US); **H04B 10/116** (2013.01 - US)

Citation (search report)

See references of WO 2021078402A1

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

DOCDB simple family (publication)

DE 102019007311 B3 20200924; DE 102020006016 A1 20210422; EP 4049385 A1 20220831; US 2022377215 A1 20221124; WO 2021078402 A1 20210429

DOCDB simple family (application)

DE 102019007311 A 20191021; DE 102020006016 A 20201001; EP 2020025444 W 20201001; EP 20786456 A 20201001; US 202017770798 A 20201001