

Title (en)

OPTICAL DEVICE

Title (de)

OPTISCHE VORRICHTUNG

Title (fr)

DISPOSITIF OPTIQUE

Publication

EP 4069552 A1 20221012 (FR)

Application

EP 20811683 A 20201130

Priority

- FR 1913675 A 20191203
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Abstract (en)

[origin: WO2021110581A1] The invention relates to an optical device for projecting light beams that is able to interact with a pixelated light source (4) comprising a plurality of selectively activatable emitting elements, characterised in that it successively comprises, in the direction of the path of the light rays, a first optical unit, a pupil and a second optical unit, the first optical unit comprising an output diopter located at a first distance (d1) from the pupil, the second optical unit comprising an input diopter interface located at a second distance (d2) from the pupil, the second distance (d2) being substantially identical to the first distance (d1), and in that the first unit comprises a converging lens, and in that the second unit comprises a doublet of lenses one of which is made of flint glass and the other of which is made of crown glass.

IPC 8 full level

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CPC (source: EP US)

F21S 41/255 (2017.12 - EP US); **F21V 5/008** (2013.01 - US); **G02B 1/00** (2013.01 - US); **G02B 19/0014** (2013.01 - EP); **G02B 19/0066** (2013.01 - EP US); **G03B 21/00** (2013.01 - EP); **F21S 41/153** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - US)

Citation (search report)

See references of WO 2021110581A1

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FR 3103876 A1 20210604; **FR 3103876 B1 20220218**; CN 114746307 A 20220712; EP 4069552 A1 20221012; JP 2023505477 A 20230209; JP 7419532 B2 20240122; US 11885470 B2 20240130; US 2023003356 A1 20230105; WO 2021110581 A1 20210610

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