

Title (en)
DEVICE FOR DEFLECTING LASER BEAMS

Title (de)
VORRICHTUNG ZUR ABLENKUNG VON LASERSTRAHLEN

Title (fr)
DISPOSITIF DE DÉVIATION DE FAISCEAUX LASER

Publication
EP 3724675 A1 20201021 (DE)

Application
EP 18826559 A 20181214

Priority
• DE 102017222864 A 20171215
• EP 2018084991 W 20181214

Abstract (en)
[origin: WO2019115782A1] A device (100) for deflecting laser beams comprising at least one light source (101), which is configured to generate laser beams, and at least one integrated optical circuit (107), wherein the integrated optical circuit (107) is arranged on a substrate, wherein the substrate has a first principal direction of extension, a second principal direction of extension and a third principal direction of extension and the first principal direction of extension and the second principal direction of extension span a plane of the substrate surface and the third principal direction of extension is arranged perpendicular to the plane of the substrate surface, wherein the integrated optical circuit (107) comprises at least one waveguide (104) and at least one transmission means (106), wherein the transmission means (106) operates as an output of the integrated optical circuit (107) and transmits the laser beams in a first direction, characterized in that a deflection means (108) is provided having a distance from the substrate in the first principal direction of extension or in the second principal direction of extension or in the third principal direction of extension, wherein the deflection means (108) deflects the laser beams in a second direction, wherein the second direction is different to the first direction.

IPC 8 full level
G01S 7/481 (2006.01)

CPC (source: EP KR US)
G01S 7/481 (2013.01 - KR); **G01S 7/4814** (2013.01 - EP KR US); **G01S 7/4817** (2013.01 - EP US); **G02F 1/29** (2013.01 - KR); **G02F 1/2955** (2013.01 - EP US)

Citation (search report)
See references of WO 2019115782A1

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Designated extension state (EPC)
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