

Title (en)

OPTICAL PHASE-CONTROLLED ARRANGEMENT AND LIDAR SYSTEM

Title (de)

OPTISCHE PHASENGESTEUERTE ANORDNUNG UND LIDAR SYSTEM

Title (fr)

DISPOSITIF OPTIQUE COMMANDÉ PAR PHASE ET SYSTÈME DE LIDAR

Publication

EP 3391109 A1 20181024 (DE)

Application

EP 16788080 A 20161026

Priority

- DE 102015225863 A 20151218
- EP 2016075781 W 20161026

Abstract (en)

[origin: WO2017102156A1] The invention relates to an optical phase-controlled arrangement, comprising a waveguide arrangement (2), characterised in that the waveguide arrangement (2) has a first waveguide (2a) with a first dimensioning and a second waveguide (2b) with a second dimensioning, wherein the first dimensioning of the first waveguide (2a) is not equal to the second dimensioning of the second waveguide (2b), and wherein the first dimensioning of the first waveguide (2a) and the second dimensioning of the second waveguide (2b) are selected such that a coupling of light of at least one predetermined wavelength of the first waveguide (2a) into the second waveguide (2b) is damped.

IPC 8 full level

G02B 6/12 (2006.01)

CPC (source: EP)

G01S 7/4817 (2013.01); **G01S 17/42** (2013.01); **G02B 6/12** (2013.01)

Citation (search report)

See references of WO 2017102156A1

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 102015225863 A1 20170622; CN 108369313 A 20180803; CN 108369313 B 20200814; EP 3391109 A1 20181024;
WO 2017102156 A1 20170622

DOCDB simple family (application)

DE 102015225863 A 20151218; CN 201680073971 A 20161026; EP 16788080 A 20161026; EP 2016075781 W 20161026