

Title (en)
APPARATUS AND METHOD FOR PROJECTING A PATTERN OF LIGHT

Title (de)
VORRICHTUNG UND VERFAHREN ZUM PROJIZIEREN EINES LICHTMUSTERS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR PROJETER UN MOTIF LUMINEUX

Publication
EP 3464993 A1 20190410 (DE)

Application
EP 17728495 A 20170531

Priority
• DE 102016209949 A 20160607
• EP 2017063198 W 20170531

Abstract (en)
[origin: WO2017211647A1] The invention relates to a method and to an apparatus for projecting a pattern of light (70). The apparatus (10) is designed having: a laser device (12), by means of which a number of different-colored laser beams (51, 52, 53) can be generated and introduced into a photonic crystal fiber (1) of the apparatus (10), by which means a combined and collimated light beam (54) can be generated in the photonic crystal fiber (1); and a selection device (14), by means of which the combined light beam (54) for projecting the pattern of light (70) can be led selectively onto a diffuser screen (6) of the apparatus (10).

IPC 8 full level
G02B 6/02 (2006.01); **G02B 27/09** (2006.01); **G03B 21/20** (2006.01); **H04N 9/31** (2006.01)

CPC (source: EP US)
F21S 41/125 (2017.12 - EP); **F21S 41/16** (2017.12 - EP US); **F21S 41/176** (2017.12 - US); **F21S 43/13** (2017.12 - EP US); **G02B 6/0008** (2013.01 - EP); **G02B 6/02361** (2013.01 - EP); **G02B 27/0994** (2013.01 - EP US); **H04N 9/3129** (2013.01 - EP); **H04N 9/3152** (2013.01 - EP); **H04N 9/3161** (2013.01 - EP); **G03B 21/2033** (2013.01 - EP)

Citation (search report)
See references of WO 2017211647A1

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 102016209949 A1 20171207; EP 3464993 A1 20190410; JP 2019517418 A 20190624; WO 2017211647 A1 20171214

DOCDB simple family (application)
DE 102016209949 A 20160607; EP 17728495 A 20170531; EP 2017063198 W 20170531; JP 2018563909 A 20170531