

Title (en)

APPLICATIONS, METHODS AND SYSTEMS FOR A LASER DELIVER ADDRESSABLE ARRAY

Title (de)

ANWENDUNGEN, VERFAHREN UND SYSTEME FÜR EIN ADRESSIERBARES ARRAY MIT LASERAUSGABE

Title (fr)

APPLICATIONS, PROCÉDÉS ET SYSTÈMES POUR UN RÉSEAU ADRESSABLE DE DISTRIBUTION LASER

Publication

EP 3323179 A4 20190619 (EN)

Application

EP 16825215 A 20160714

Priority

- US 201562193047 P 20150715
- US 2016042363 W 20160714

Abstract (en)

[origin: WO2017011706A1] There is provided assemblies for combining a group of laser sources into a combined laser beam. There is further provided a blue diode laser array that combines the laser beams from an assembly of blue laser diodes. There are provided laser processing operations and applications using the combined blue laser beams from the laser diode arrays and modules.

IPC 8 full level

H01S 5/40 (2006.01); **G02B 27/09** (2006.01); **G02B 27/10** (2006.01); **H01S 5/323** (2006.01); **G02B 6/02** (2006.01); **H01S 3/30** (2006.01); **H01S 5/00** (2006.01); **H01S 5/022** (2006.01); **H01S 5/024** (2006.01)

CPC (source: CN EP KR RU US)

G02B 6/02042 (2013.01 - CN); **G02B 6/04** (2013.01 - CN); **G02B 27/0905** (2013.01 - CN EP); **G02B 27/0922** (2013.01 - KR); **G02B 27/0977** (2013.01 - CN EP); **G02B 27/108** (2013.01 - CN EP); **H01S 3/302** (2013.01 - CN KR); **H01S 5/005** (2013.01 - KR); **H01S 5/02208** (2013.01 - KR); **H01S 5/0225** (2021.01 - KR); **H01S 5/02325** (2021.01 - KR); **H01S 5/02423** (2013.01 - KR); **H01S 5/32341** (2013.01 - CN EP KR); **H01S 5/4012** (2013.01 - CN EP KR US); **H01S 5/405** (2013.01 - KR); **H01S 5/4062** (2013.01 - CN RU); **H01S 5/4087** (2013.01 - CN); **G02B 6/02042** (2013.01 - EP); **H01S 3/30** (2013.01 - EP); **H01S 3/302** (2013.01 - EP); **H01S 5/005** (2013.01 - EP US); **H01S 5/02208** (2013.01 - EP); **H01S 5/02251** (2021.01 - EP); **H01S 5/02255** (2021.01 - EP); **H01S 5/02325** (2021.01 - EP); **H01S 5/02423** (2013.01 - EP); **H01S 5/405** (2013.01 - EP); **H01S 5/4087** (2013.01 - EP); **Y02P 10/25** (2015.11 - EP)

Citation (search report)

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- [Y] US 2012105968 A1 20120503 - CHANN BIEN [US], et al
- [Y] US 2004252743 A1 20041216 - ANIKITCHEV SERGUEI G [US], et al
- See also references of WO 2017011706A1

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

DOCDB simple family (publication)

WO 2017011706 A1 20170119; CA 2992464 A1 20170119; CN 107851970 A 20180327; CN 107851970 B 20210427; CN 113067252 A 20210702; EP 3323179 A1 20180523; EP 3323179 A4 20190619; JP 2018530768 A 20181018; JP 2021073681 A 20210513; JP 2024020355 A 20240214; KR 102370083 B1 20220303; KR 102513216 B1 20230322; KR 20180030588 A 20180323; KR 20220029781 A 20220308; KR 20230042412 A 20230328; RU 2018105599 A 20190815; RU 2018105599 A3 20190815; RU 2020111447 A 20200422; RU 2020111447 A3 20201002; RU 2719337 C2 20200417; RU 2735581 C2 20201103

DOCDB simple family (application)

US 2016042363 W 20160714; CA 2992464 A 20160714; CN 201680041725 A 20160714; CN 202110334054 A 20160714; EP 16825215 A 20160714; JP 2018501225 A 20160714; JP 2020209313 A 20201217; JP 2023192275 A 20231110; KR 20187003763 A 20160714; KR 20227006597 A 20160714; KR 20237009474 A 20160714; RU 2018105599 A 20160714; RU 2020111447 A 20160714