

## 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**

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- 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)

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## Citation (search report)

- [XYI] US 2003048819 A1 20030313 - NAGANO KAZUHIKO [JP], et al
- [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)

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## DOCDB simple family (application)

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