



(11) **EP 3 113 302 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
H01S 5/022 ^(2006.01) **H01S 5/068** ^(2006.01)
H01S 5/40 ^(2006.01) **H01S 5/50** ^(2006.01)

(48) Corrigendum issued on:
23.05.2018 Bulletin 2018/21

(45) Date of publication and mention
of the grant of the patent:
04.04.2018 Bulletin 2018/14

(21) Application number: **15306082.7**

(22) Date of filing: **02.07.2015**

(54) **OPTICAL AMPLIFICATION DEVICE COMPRISING SEMICONDUCTOR OPTICAL AMPLIFIERS**

VORRICHTUNG ZUR OPTISCHEN VERSTÄRKUNG MIT OPTISCHEN
HALBLEITERVERSTÄRKERN

DISPOSITIF D'AMPLIFICATION OPTIQUE COMPRENANT DES AMPLIFICATEURS OPTIQUES À
SEMI-CONDUCTEURS

(84) Designated Contracting States:
**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**

(43) Date of publication of application:
04.01.2017 Bulletin 2017/01

(73) Proprietor: **Alcatel Lucent**
91620 Nozay (FR)

(72) Inventors:
• **CHARLET, Gabriel**
91620 Nozay (FR)
• **RENAUDIER, Jérémie**
91620 Nozay (FR)

(74) Representative: **Berthier, Karine**
Alcatel-Lucent International
Patent Business
Site Nokia Paris Saclay
Route de Villejust
91620 Nozay (FR)

(56) References cited:
WO-A1-2014/129613 US-B1- 6 747 793

- **MATIJA DZANKO ET AL: "Availability of all-optical switching fabrics used in optical cross-connects", MIPRO, 2012 PROCEEDINGS OF THE 35TH INTERNATIONAL CONVENTION, IEEE, 21 May 2012 (2012-05-21), pages 568-572, XP032201978, ISBN: 978-1-4673-2577-6**
- **AZZAM YASSEEN A ET AL: "A Rotary Electrostatic Micromotor 18 Optical Switch", IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 5, no. 1, 1 February 1999 (1999-02-01), XP011062464, ISSN: 1077-260X**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 3 113 302 B8