(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 February 2013 (14.02.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/020238 A1

(51) International Patent Classification:
*H01L 25/16* (2006.01) *H01L 27/146* (2006.01)

(21) International Application Number:
PCT/CH2012/000178

(22) International Filing Date:
2 August 2012 (02.08.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/521, 818 10 August 2011 (10.08.2011) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published**:

— *with international search report (Art. 21(3))*

(54) **Title**: OPTO-ELECTRONIC MODULE AND METHOD FOR MANUFACTURING THE SAME

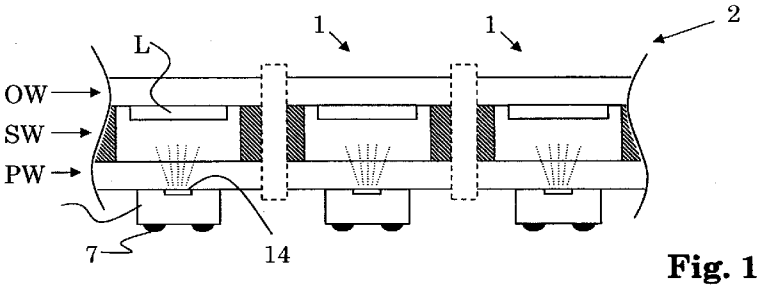



**Fig. 11**

(57) **Abstract**: A method for manufacturing a device (1) is suggested. The device comprises at least one opto-electronic modul (1), and the method comprises creating a wafer stack (2) comprising a substrate wafer (PW), and an optics wafer (OW); wherein a multitude of active optical components (E) is mounted on the substrate wafer (PW), and the optics wafer (OW) comprises a multitude of passive optical components (L). Each of the optoelectronic modules (1) comprises at least one of the active optical components (E) and at least one of the passive optical components (L). The optics wafer (OW) can comprise at least one portion, referred to as blocking portion, which is at least substantially non- transparent for at least a specific wavelength range, and at least one other portion, referred to as transparent portion, which is at least substantially non-transparent for at least said specific wavelength range. 11.The opto-electronic module comprises a substrate member; an optics member; at least one active optical component mounted on said subtrate member; and at least one passive optical component comprised in said optics member. The optics member (OW) is directly or indirectly fixed to said substrate member (PW). The opto-electronic modules (1) can have an excellent manufacturability while being small in dimension and having a high alignment accuracy.

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