

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2018/009372

A. CLASSIFICATION OF SUBJECT MATTER

G02B 6/44(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G02B 6/44; G02B 6/46

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models: IPC as above

Japanese Utility models and applications for Utility models: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal) & Keywords: lamination type, tray, optical core wire, storage, hinge

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | KR 10-2016-0034762 A (IM, Chae-Hyeon) 30 March 2016 See paragraphs [0033], [0043]-[0045], claim 1 and figures 1-11. | 1-6 |
| Y | US 2014-0348479 A1 (CORNING OPTICAL COMMUNICATIONS LLC.) 27 November 2014 See claims 1, 6 and figures 6A-6B. | 1-6 |
| A | KR 10-2000-0026620 A (KOREA TELECOM) 15 May 2000 See claim 1 and figures 1, 6. | 1-6 |
| A | KR 10-1999-0062297 A (DAEWOO TELECOM LTD.) 26 July 1999 See claims 1-3 and figure 1. | 1-6 |
| A | KR 10-2008-0047268 A (A.J.WORLD CO., LTD.) 28 May 2008 See claims 1-2 and figure 7. | 1-6 |



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

23 NOVEMBER 2018 (23.11.2018)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2018/009372

| Patent document cited in search report | Publication date | Patent family member | Publication date |
|--|------------------|---|--|
| KR 10-2016-0034762 A | 30/03/2016 | KR 10-1718968 B1 US 2017-0269324 A1 US 9995900 B2 WO 2016-048004 A1 | 22/03/2017 21/09/2017 12/06/2018 31/03/2016 |
| US 2014-0348479 A1 | 27/11/2014 | AU 2014-268923 A1 CA 2913135 A1 CN 105324697 A EP 2999983 A1 US 9383538 B2 WO 2014-189719 A1 | 27/11/2014 27/11/2014 10/02/2016 30/03/2016 05/07/2016 27/11/2014 |
| KR 10-2000-0026620 A | 15/05/2000 | KR 10-0283132 B1 | 05/12/2000 |
| KR 10-1999-0062297 A | 26/07/1999 | KR 10-0272773 B1 | 15/11/2000 |
| KR 10-2008-0047268 A | 28/05/2008 | KR 10-0942229 B1 | 16/02/2010 |