

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2013/003543

A. CLASSIFICATION OF SUBJECT MATTER

G02B 5/128(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 5/128; B32B 3/30; B32B 5/16; D21H 27/20

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 aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS (KIPO internal) & Keywords: retro reflection, bead, adhesion, printed

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2005-208083 A (UNITIKA SPARKLITE KK) 04 August 2005 Abstract, paragraphs [004], [017] - [019], figure 7.	1-10
Y	KR 10-2011-0120012 A (INDUSTRY-ACADEMIC COOPERATION FOUNDATION GYEONGSANG NATIONAL UNIVERSITY et al.) 03 November 2011 Abstract, paragraph [044], figure 2c.	1-10
Y	JP 2005-274983 A (UNITIKA SPARKLITE KK) 06 October 2005 Abstract, paragraph [024], figure 4.	8
A		1-7,9,10
A	JP 11-305020A (OGI, Hisao) 05 November 1999 Abstract, claim 1, paragraph [011], figure 1.	1-10

 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

"I" 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

12 AUGUST 2013 (12.08.2013)

Date of mailing of the international search report

12 AUGUST 2013 (12.08.2013)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2013/003543

Patent document cited in search report	Publication date	Patent family member	Publication date
JP 2005-208083 A	04/08/2005	NONE	
KR 10-2011-0120012 A	03/11/2011	NONE	
JP 2005-274983 A	06/10/2005	NONE	
JP 11-305020A	05/11/1999	NONE	