

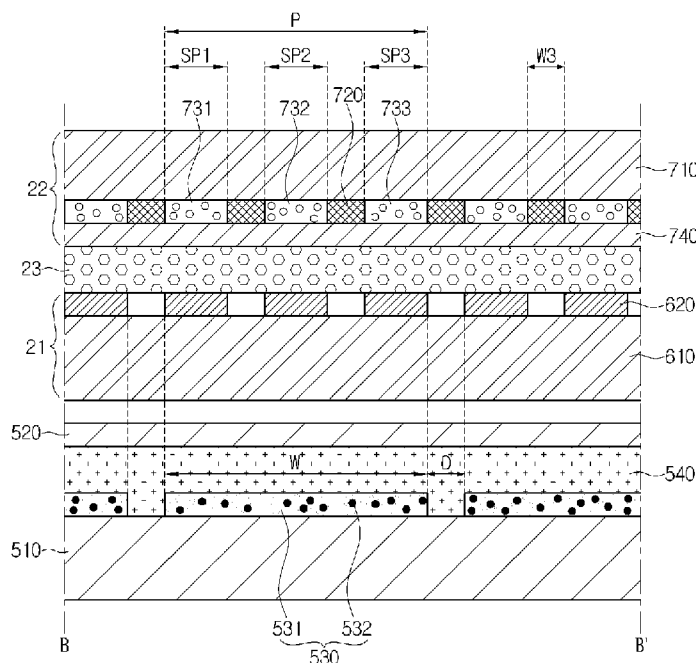


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[Continued on next page]

(54) Title: OPTICAL MEMBER AND DISPLAY DEVICE HAVING THE SAME

[Fig. 11]



(57) Abstract: Disclosed are an optical member and a display device having the same. The optical member includes a first substrate, a plurality of wavelength conversion parts provided on the first substrate while being spaced apart from each other, and a sealing layer on a top surface of the wavelength conversion parts and at a lateral side of the wavelength conversion parts. Each of the wavelength conversion parts includes a host on the first substrate, and a plurality of wavelength conversion particles in the host.



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: backlight, quantum dots, color filter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	KR 10-2010-0129030 A (SAMSUNG LED CO., LTD.) 08 December 2010 See paragraphs 24-27,30,37,38, figures 1, 2.	1-7 8-17
Y A	US 7481562 B2 (CHUA JANET BEE YIN et al.) 27 January 2009 See column 2 lines 50-54, column 4 lines 26-36, column 7 lines 33-39.	1-7 8-17
A	US 2009-0034292 A1 (POKROVSKIY ALEXANDER L. et al.) 05 February 2009 See abstract, claims 1-24, figures 8, 10.	1-17
PX PA	KR 10-2012-0001387 A (LG ELECTRONICS INC.) 04 January 2012 See paragraphs 80-96, figures 3-8.	8-11 1-7, 12-17



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2010-0129030 A	08.12.2010	None	
US 7481562 B2	27.01.2009	US 2006-103589 A1	18.05.2006
US 2009-0034292 A1	05.02.2009	US 2009-0034230 A1	05.02.2009
		WO 2009-017794 A1	05.02.2009
KR 10-2012-0001387 A	04.01.2012	None	