



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 16 74 67 42

**Classification of the application (IPC):**  
G03G 15/00, G03G 21/16, G03G 21/18

**Technical fields searched (IPC):**  
G03G

| DOCUMENTS CONSIDERED TO BE RELEVANT |   |                    |
|-------------------------------------|---|--------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim  |
| X                                   | US 2012243905 A1 (URATANI SHUNSUKE [JP] ET AL)<br>27 September 2012 (2012-09-27)  | 1-9, 16-32, 35, 36 |
| Y                                   | * paragraphs 110, 116, 117, 120, 129, 139, 146, 149, 160, 197, 207, 227, 236, 237, 365-376, 370, 397, 398; figures 1-77 *                 | 10-13, 33, 34      |
| Y                                   | CN 101916055 A (ZHUHAI PRINT RITE CO LTD)<br>15 December 2010 (2010-12-15)<br>* paragraphs [0034], [0036], [0037], [0044]; figures 1-17 * | 10-13              |
| Y                                   | US 2011159970 A1 (OKABE YASUSHI [JP]) 30 June 2011 (2011-06-30)<br>* paragraph [0053]; figures 1-16 *                                     | 33, 34             |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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|---------------------------|--|-------------------------------|
| Place of search<br>Munich | Date of completion of the search<br>13 August 2018 | Examiner<br>Schwarz, Cornelia |
|---------------------------|--|-------------------------------|

### CATEGORY OF CITED DOCUMENTS

|   |  |
|---|--|
| X: particularly relevant if taken alone   | P: intermediate document   |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention                        |
| A: technological background   | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure   | D: document cited in the application                                   |
| & : member of the same patent family, corresponding document                    | L: document cited for other reasons                                    |

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 13-08-2018  
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| Patent document cited<br>in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date         |
|---|---------------------|----------------------------|-----------------------------|
| US 2012243905                             | A1                  | 27-09-2012                 | JP 5704911 B2 22-04-2015    |
|   |                     |                            | JP 2011145670 A 28-07-2011  |
|   |                     |                            | TW 201135379 A 16-10-2011   |
|   |                     |                            | US 2012243905 A1 27-09-2012 |
|   |                     |                            | WO 2011074707 A1 23-06-2011 |
| CN 101916055                              | A                   | 15-12-2010                 | NONE                        |
| US 2011159970                             | A1                  | 30-06-2011                 | CN 102109806 A 29-06-2011   |
|   |                     |                            | JP 5428846 B2 26-02-2014    |
|   |                     |                            | JP 2011133682 A 07-07-2011  |
|   |                     |                            | US 2011159970 A1 30-06-2011 |