



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 88 21 51

Classification of the application (IPC):
B41J 2/165, B41J 2/17

Technical fields searched (IPC):
B41J

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y A	GB 2360016 A (HEWLETT PACKARD CO [US]) 12 September 2001 (2001-09-12) * the whole document *	1, 3, 7, 12-15 2 9-11
X Y	EP 2418087 A1 (MIYAKOSHI PRINTING MACH [JP]) 15 February 2012 (2012-02-15) * the whole document *	1 2
X	CN 203344496 U (SHENZHEN HOMER TEXTILE TECH CO LTD) 18 December 2013 (2013-12-18) * the whole document *	1, 7
X Y A	JP H09220813 A (COPYER CO) 26 August 1997 (1997-08-26) * cited by ISA;the whole document *	1 7, 9, 11 10
Y	JP H058401 A (SEIKO EPSON CORP) 19 January 1993 (1993-01-19) * the whole document *	7, 9, 11
A	EP 1440803 A1 (AGFA GEVAERT [BE]) 28 July 2004 (2004-07-28) * the whole document *	7
A	US 6257697 B1 (KURATA MITSURU [JP]) 10 July 2001 (2001-07-10) * the whole document *	1, 7, 9-11

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

Place of search The Hague	Date of completion of the search 09 October 2019	Examiner Hartmann, Mathias
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| 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 |
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| O: non-written disclosure | D: document cited in the application |
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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-3, 7, 12-15

1st invention (searched): "improve ink flow"

2. claims: 4-6

2nd invention (not searched): "relative movement"

3. claim: 8

3rd invention (not searched): "alternative drive"

4. claims: 9-11

4th invention (searched): "avoid wiper contamination"

Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims: 9-11

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

Place of search	Date of completion of the search	Examiner
The Hague	09 October 2019	Hartmann, Mathias

CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
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| 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 |
| | L: document cited for other reasons |
| & : member of the same patent family, corresponding document | |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 88 21 51

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 09-10-2019
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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EP 2418087	A1	15-02-2012	CA	2748631 A1	10-02-2012
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			US	6257697 B1	10-07-2001