(11) **EP 1 762 521 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **21.03.2007 Bulletin 2007/12**

(51) Int Cl.: **B65H 29/04** (2006.01)

B65H 29/68 (2006.01)

(43) Date of publication A2: **14.03.2007 Bulletin 2007/11**

(21) Application number: 06018584.0

(22) Date of filing: 05.09.2006

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated Extension States:

AL BA HR MK YU

(30) Priority: **08.09.2005 JP 2005260355**

- (71) Applicant: Komori Corporation Sumida-ku Tokyo (JP)
- (72) Inventor: Ito, Reiji Tsukuba-shi Ibaraki (JP)
- (74) Representative: Samson & Partner Widenmayerstrasse 5 80538 München (DE)

(54) Delivery device in sheet-fed offset rotary printing press

A delivery device in a sheet-fed offset rotary printing press includes a plurality of suction units (10A-10E), at least one discharge unit, at least one support member, and an intake source, air exhaust system, and switching device. The plurality of suction units are arranged above a pile board (7) on an upstream sheet convey direction side below a sheet under conveyance in a widthwise direction of the sheet, and draw by suction the sheet under conveyance in slidable contact with it. At least one discharge unit (80A-80C) replaces one of the plurality of suction units which is other than those on two ends, and discharges air outwardly in the widthwise direction of the sheet under conveyance. One of the plurality of suction units which is other than those on the two ends and the discharge unit can be mounted selectively on at least one support member (25E). The intake source (101), air exhaust system, and switching device supply suction air to the suction unit when the suction unit is mounted on the support member, and supply discharge air to the discharge unit (80A-80C) when the discharge unit is mounted on the support member.

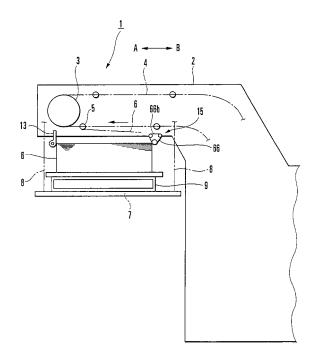


FIG. 1

EP 1 762 521 A3



EUROPEAN SEARCH REPORT

Application Number EP 06 01 8584

	DOCUMENTS CONSID	ERED TO BE RELEVANT				
Category	Citation of document with i of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
D,A	JP 2000 095409 A (I 4 April 2000 (2000 * abstract *	COMORI PRINTING MACH) -04-04)	1	INV. B65H29/04 B65H29/68		
Α	DE 102 39 708 A1 (1 11 March 2004 (2004 * claims *	COENIG & BAUER AG [DE]) -03-11)	1			
Α	JP 62 205960 A (KON 10 September 1987 * abstract *		1			
Α	DE 43 43 713 A1 (HEINEN ELEKTRONIK GMBH [DE]) 22 June 1995 (1995-06-22) * the whole document *		1			
				TECHNICAL FIELDS SEARCHED (IPC)		
				B65H		
	The present search report has	been drawn up for all claims	1			
	Place of search	Date of completion of the search	'	Examiner		
	Munich	1 February 2007	Sti	roppa, Giovanni		
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with anoth document of the same category A: technological background O: non-written disclosure P: intermediate document		E : earlier patent doc after the filing dat her D : document cited i L : document cited fo	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document oited in the application L: document oited for other reasons 8: member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 06 01 8584

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

01-02-2007

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
JP 2000095409	A	04-04-2000	NONE		
DE 10239708	Α1	11-03-2004	NONE		
JP 62205960	Α	10-09-1987	NONE		
DE 4343713	A1	22-06-1995	NONE		

© For more details about this annex : see Official Journal of the European Patent Office, No. 12/82