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

(57) A delivery device in a sheet-fed offset rotary printing press includes a vertically movable pile board (7), suction unit (15), detection bar, and limit switch. A conveyed sheet is to be placed on the pile board. The suction unit is arranged on an upstream side in a sheet convey direction above the pile board and under a sheet to be conveyed, and has a suction surface (16a) to suck the sheet while in slidable contact with it. The detection bar (33) is supported under the suction unit to be movable in a vertical direction and extends in a widthwise direction of the sheet to be conveyed. The limit switch (30) detects movement of the detection bar in the vertical direction.

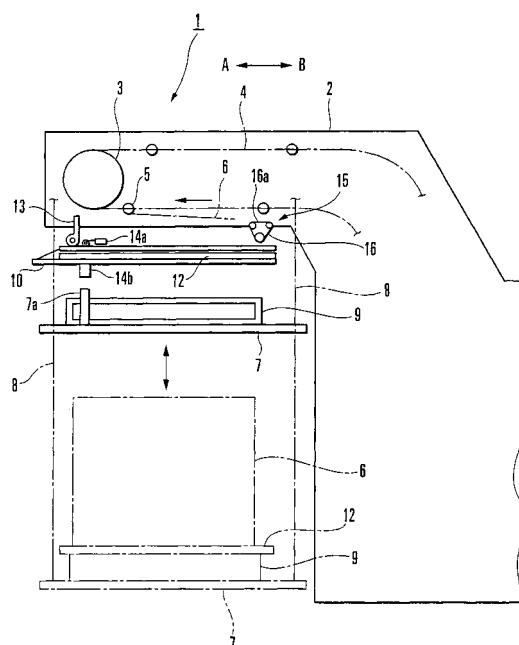


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 06 01 7633

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 200 08 591 U1 (ROLAND MAN DRUCKMASCH [DE]) 17 August 2000 (2000-08-17) * the whole document *	1-3	INV. B41F21/00 B65H29/68
X	EP 0 668 230 A (ROLAND MAN DRUCKMASCH [DE]) 23 August 1995 (1995-08-23) * column 3, line 21 - column 4, line 33; figures *	1-3	
A	DE 199 56 100 A1 (RYOBI LTD [JP]) 8 June 2000 (2000-06-08)		
			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		26 June 2008	Thibaut, Emile
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

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

EP 06 01 7633

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
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26-06-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 20008591	U1	17-08-2000	NONE	

EP 0668230	A	23-08-1995	AT 154570 T	15-07-1997
			JP 2831588 B2	02-12-1998
			JP 7277582 A	24-10-1995

DE 19956100	A1	08-06-2000	JP 3357616 B2	16-12-2002
			JP 2000158632 A	13-06-2000
