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(54) **A plate roll and an adhesive sheet therefor.**

(57) In a plate roll attached with a printing plate made of resin, the attached printing plate is easily detached, the adhesive sheet and remaining adhesive are easily removed after printing is finished and efficiency of the operation of printing is enhanced.

In the plate roll attached with a printing plate made of resin by means of adhesive, a photo curable adhesive which loses adhesive ability by curing by irradiation of electromagnetic wave or electron beam or a water swelling adhesive which loses adhesive ability by swelling by water is used as the adhesive.

Adhesive sheets utilized for the plate roll comprise supporting sheets, removable sheets and a photo curable adhesive which loses adhesive ability by curing by irradiation of electromagnetic wave or electron beam or a water swelling adhesive which loses adhesive ability by swelling by water.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	PATENT ABSTRACTS OF JAPAN vol. 13, no. 519 (M-895)(3867) November 20, 1989 & JP-A-1 210 343 (FUJI PHOTO FILM CO LTD) August 23, 1989	1	B41F27/12
Y	* the whole document * ---	2-4,7	
Y	CH-A-497 280 (FEHR) * column 1, line 31 - column 2, line 5 * ---	2,5-7	
Y	US-A-4 871 631 (PIEPER ET AL.) * column 4, line 60 - column 6, line 27; figure * ---	3-7	
D,A	PATENT ABSTRACTS OF JAPAN vol. 9, no. 1 (C-259)January 5, 1985 & JP-A-59 157 162 (DAINIPPON INSATSU KK) September 6, 1984 * the whole document * ---	2	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 364 (P-524)(2421) December 5, 1986 & JP-A-61 160 749 (TORAY IND INC) July 21, 1986 * the whole document * -----	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.5) B41F B41N C09J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 AUGUST 1991	Examiner KOCH J. M. L.
CATEGORY OF CITED DOCUMENTS 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 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 I : document cited for other reasons ----- & : member of the same patent family, corresponding document			