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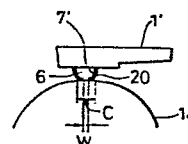
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54 **Release agent applicator for copying machine.**

57 An improved release agent applicator for use with a copying machine having a fixing device for pressure fusing a toner image to copy paper as the paper is passing between a fixing foil (14) and a pressure roll. The fixing roll (14) has in contact therewith a porous sheet (7') or tube of poly(ethylene tetrafluoride) resin through which the release agent (6) is applied to the fixing roll (14). Pores in the areas of the porous sheet or tube of poly(ethylene tetrafluoride) resin which are not needed for passing release agent therethrough during normal copying operations are closed to form closed-and open-pore areas. A width of the open-pore area (W) is smaller than the width (C) of the surface that which the porous sheet or tube contacts the fixing roll. Preferably, the porous sheet or tube has a pore size in a range of 0.1 to 10 microns and a porosity in a range of 50 to 85%.

**FIG. 4**





European Patent  
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# EUROPEAN SEARCH REPORT

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Application number

EP 84 10 7775

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.4)
E	EP-A-0 126 418 (SUMITOMO ELECTRIC INDUSTRIES LTD.) * Complete document *	1-4	G 03 G 15/20
Y	DE-A-3 016 098 (CANON) * Complete document *	1	
Y	GB-A-2 093 769 (SUMITOMO ELECTRIC INDUSTRIES LTD.) * Complete document *	1-4	
Y	GB-A-2 075 425 (SUMITOMO ELECTRIC INDUSTRIES LTD.) * Complete document *	1-4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 03 G 13/00 G 03 G 15/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 04-07-1985	HOPPE H Examiner
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 L : document cited for other reasons & : member of the same patent family, corresponding document	