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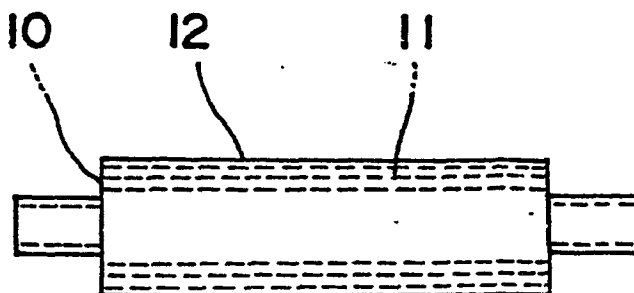
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EUROPEAN PATENT APPLICATION

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13.12.89 Bulletin 89/50(71) Applicant: **SUMITOMO ELECTRIC INDUSTRIES, LIMITED**
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D-8000 München 22(DE)(54) **Pressure roller and fixation device employing same.**

(57) A pressure roller for a toner fixing device includes a core (10) made of metal or plastic, an elastic layer (11) made of foam material formed on the core and a layer (12) of porous tetrafluoroethylene resin on the outside circumferential surface of the elastic layer. The porous layer is impregnated with heat-resistant liquid rubber in its pores.

FIG. 1 (a)



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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.4)
A	PATENT ABSTRACTS OF JAPAN, vol. 10, no. 30 (P-426)[2087], 5th February 1986; & JP-A-60 179 770 (SUMITOMO DENKI KOGYO K.K.) 13-09-1985 ---	1-3	G 03 G 15/20
A	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 181 (P-585)[2628], 11th June 1987; & JP-A-62 9377 (SUMITOMO ELECTRIC IND. LTD) 17-01-1987 (Cat. D,A) ---	1	
A	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 153 (P-287)[1590], 17th July 1984; & JP-A-59 52 269 (SUMITOMO DENKI KOGYO K.K.) 26-03-1984 ---	1,3	
A	EP-A-0 156 046 (JUNKOSHA CO. LTD) * Page 6, line 9 - page 8, line 20; figures 1-5 * ---	1	
E	EP-A-0 291 081 (SUMITOMO ELECTRIC INDUSTRIES) * Abstract; claims 1-8 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 03 G 15/20
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-09-1989	Examiner CIGOJ P.M.
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	