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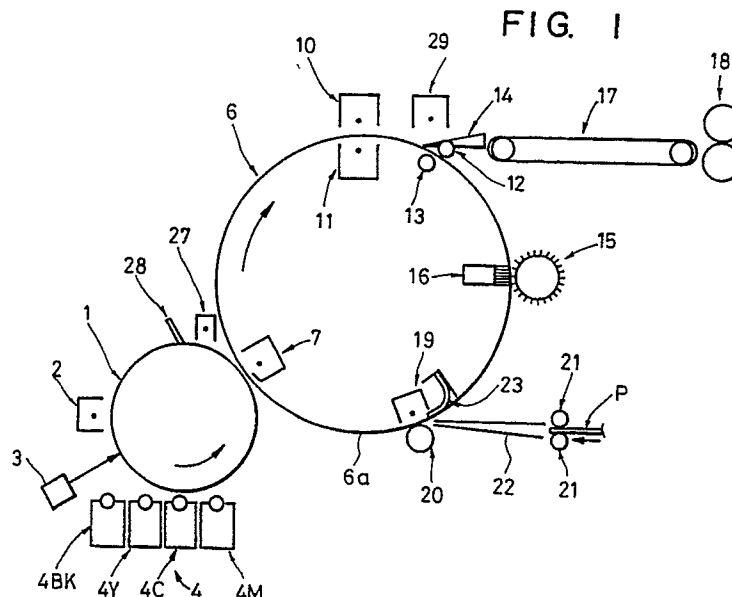
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(54) **Permanent magnet composition.**

(57) An improved permanent magnet composition comprising 22 to 28 wt% R, 5 to 16% iron, 0.2 to 6.5 wt% copper, 0.1 to 6 wt% manganese, 0.5 to 6 wt% A, 0.1 to 2 wt% B and the balance cobalt, in which R is at least one of rare earth elements including

yttrium, A is at least one of zinc and zirconium and B is at least one element selected from the group of aluminum, bismuth and thallium.



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EUROPEAN SEARCH REPORT

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EP 89 31 2748

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,A	CHEMICAL ABSTRACTS, vol. 93, no. 11, December 1980 Columbus, Ohio, USA S.Seikosha Co.: "Permanent magnet material" page 681; column 1; ref. no. 214498N * abstract *	1,3	H 01 F 1/053

A	US-A-4 497 672 (Y.TAWARA ET AL.) * claim 1 *	1,3	

X	PATENT ABSTRACTS OF JAPAN vol. 8, no. 25 (E-225)(1462) 2 February 1984, & JP-A-58 186906 (TOKYO SHIBAURA DENKI K.K.) 1 November 1983, * the whole document *	1	

A	PATENT ABSTRACTS OF JAPAN vol. 5, no. 103 (E-64)(775) 3 July 1981, & JP-A-56 46508 (SUWA SEIKOSHA K.K.) 27 April 1981, * the whole document *	1	

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 20 March 91	Examiner DECANNIERE L.J.
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			