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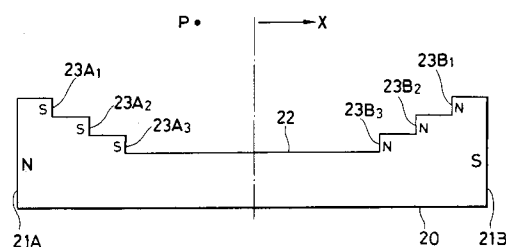
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Permanent magnet magnetic circuit.

A permanent magnet magnetic circuit is provided capable of producing a unidirectional magnetic field substantially free of unnecessary perpendicular magnetic field components. A pair of main magnetic poles of opposite polarities are situated at a pair of opposite edge surfaces of a permanent magnet block for producing lines of magnetic force. One major surface of the block between the edge surfaces is provided with a channel where a pair of auxiliary magnetic poles are situated at opposed inner surface portions of the channel for controlling a middle portion of the lines of magnetic force to be linear.

FIG. 2





European Patent
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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)
A	DE-A-3 832 835 (WINDHORST BETEILIGUNGSGESSELLSCHAFT) * column 2, line 20 - line 61; figures 1,2 * ---	1,6,7	H01F7/02
A	WO-A-9 007 774 (EASTMAN KODAK) * page 4, line 32 - page 5, line 25; figure 2 * ---	1,6,7	
A	PATENT ABSTRACTS OF JAPAN vol. 14, no. 344 (E-955)(4287) 25 July 1990 & JP-A-2 117 106 (SHIN ETSU CHEM) 1 May 1990 * abstract * ---	1,6,7	
A	US-A-3 237 059 (MEYERER) * column 3, line 33 - line 73; figure 1 * ---	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 9, no. 69 (E-305)(1792) 29 March 1985 & JP-A-59 208 812 (MITSUBISHI DENKI) 27 November 1984 * abstract * ---	1,3	
A	IBM TECHNICAL DISCLOSURE BULLETIN vol. 19, no. 5, October 1976, NEW YORK pages 1856 - 1857; JONES ET AL: 'directionally homogeneous magnets for vacuum-deposition apparatus' -----		TECHNICAL FIELDS SEARCHED (Int. Cl.5) H01F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04 SEPTEMBER 1992	Examiner MARTI ALMEDA R.
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			