[0053] Table 2 shows the addition amount of Rh, and a ratio of peak integrated intensities between (002) representing a perpendicular orientation component of FePt and (200) representing an in-plane orientation component, evaluated by use of XRD. In the present description, the ratio is also referred to as a "peak intensity ratio of an in-plane orientation component." The value of the peak intensity ratio of an in-plane orientation component is a value serving as an index indicating how many in-plane orientation components exist, and means that the larger the value is, the larger the number of in-plane orientations is. Since the index is obtained by utilization of structural analysis by X-rays, a state of in-plane orientation can be comprehended in more detail. Furthermore, in Table 2, the peak intensity ratio of an in-plane orientation component in a case of the addition amount of Rh being 0 is denoted as 100%, and there is shown together a percentage (%) of variation of the peak intensity ratio of an in-plane orientation component when Rh is added. This variation is also referred to as a variant amount in the present description.

[0054]

[Table 2]

FePtRh composition				Properties	
Fe content (at%)	Pt content (at%)	Rh addition amount	Fe/Pt	I(200)/ [I(002)+I(200)]	Variant amount (%)

		(at%)			
57.1	42.9	0.0	1.3	27	100
56.1	42.0	1.9	1.3	22	81
54.4	40.3	5.3	1.4	24	89
52.1	38.3	9.6	1.4	24	89
50.5	37.3	12.2	1.4	30	111
49.1	36.2	14.6	1.4	29	107
54.8	45.2	0.0	1.2	21	100
53.5	45.0	1.5	1.2	17	81
52.4	43.6	4.1	1.2	18	86
50.6	41.6	7.8	1.2	18	86
49.4	41.0	9.6	1.2	21	100
45.7	37.9	16.4	1.2	22	105
51.7	48.3	0.0	1.1	23	100
49.9	48.4	1.7	1.0	21	91
48.1	47.6	4.3	1.0	21	91
45.1	44.9	10.0	1.0	22	90

[0055] In Fig. 4, the variant quantities (%) in Table 2 are shown in a graph. In addition, Fig. 5 is a ternary phase diagram in which the peak intensity ratio of in-plane orientation component is plotted with respect to contents (at%) of Fe, Pt and Rh.

[0056] As shown in Fig. 4, it is known that in a case where the addition amount of Rh is increased, the variant amount is