FIG.20

	Average grain diameter of sintered magnet (μm)														
	0.5	1	2	3	4	5	6	7	8	9	10	12	15	20	25
Br(kG)	13.9	14.4	14.4	14.7	14.7	14.4	14.1	14.5	14.9	15.1	15.2	15.3	15.3	15.3	13.8
(BH)max(MG0e)	46.5	51.5	52	53.6	53.5	51.5	48	52	55	56.1	56	57	57	57	46
iH(k0e)	36	34	32	30	29	28	25	28	30	30	30	30	29	28	23
Optimum diffusing process hour (hr)	72	36	18	12	8	8	6	4	2	1	1	1	0.5	0.5	1
	Comparative Example	Present Invention					Comparative Example	Present Invention							Comparative Example

FIG.21

	Vacuum vapor processing	Compo-ent of magnet	Optimum vapor processing time(hr)	Br(kG)	(BH)max (MG0e)	iHc(k0e)	Evaluation of corrosion resistance
Embodi-ment 16	Not-performed	21Nd-7Pr-1B-0.05Cu-0.05Ga-0.1Zr-bal.Fe	—	14.4	51.2	10.8	2 hr or less
	Performed		4	15.4	58	20.5	120 hr or more
Compar-ative Example 16a	Not-performed	21Nd-7Pr-1Co-1B-0.05Cu-0.05Ga-0.1Zr-bal.Fe	—	14.3	51	11.2	12 hr or less
	Performed		10	15.2	57	18.2	120 hr or more
Compar-ative Example 16b	Not-performed	21Nd-7Pr-4Co-1B-0.05Cu-0.05Ga-0.1Zr-bal.Fe	—	14.4	52	11	36 hr or more
	Performed		22	15.1	55	17.4	120 hr or more
Compar-ative Example 16c	Not-performed	21Nd-7Pr-8Co-1B-0.05Cu-0.05Ga-0.1Zr-bal.Fe	—	14.4	52	10.8	48 hr or more
	Performed		32	15	54	16	120 hr or more

FIG.22

	Degree of vacuum							
	10Pa	1Pa	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}
Br(kG)	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8
(BH)max(MG0e)	49.0	53.1	53.3	53.7	53.7	53.7	53.7	53.7
iHc(k0e)	12.0	18.2	20.1	22.9	24.8	26.1	26.3	26.4
	Comparative Example	Present Invention						