

()

4.2 PM

(1) PM

PM

J1PM 白勢國夫 가

loss "0"

PM	(Phenomena)	(Physically)	"P"
	(Mechanism)	4M(Mechine, Material, Method, Man)	"M"
			"PM"

5. PM

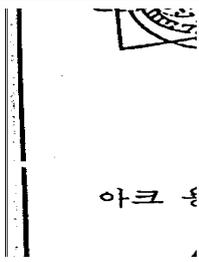
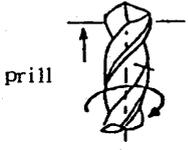
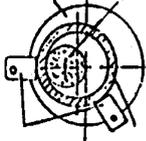
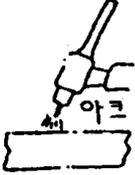
5-1 "

()

Point

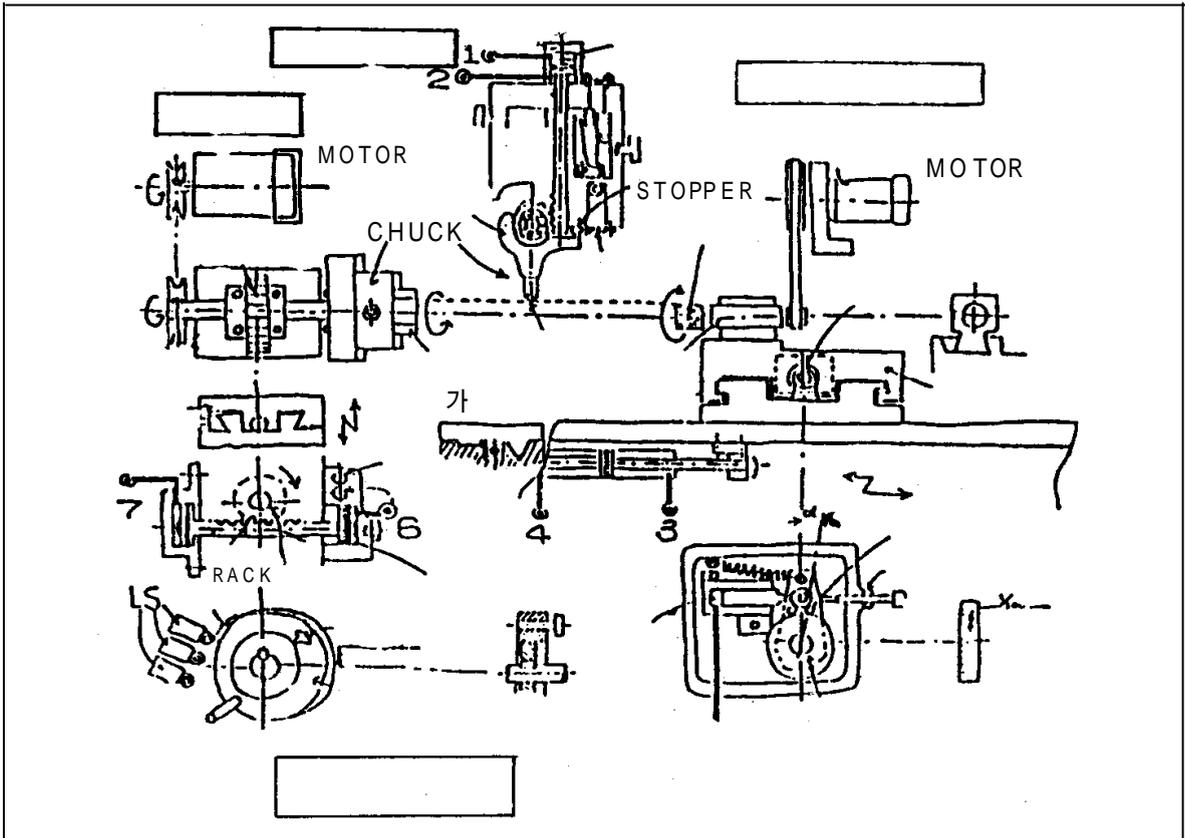
1. 3 (, ,) , .
2. 가 (5W1H) .
3. () () , ()

5.2 "가 . "

가	가	
 <p>아크 톨</p>	<p>가 " , " 가 " 가 가 가 가</p>	<p>1. 가 .</p> <p>2. ()</p> <p>3. 가 .</p>
<p>구멍 뚫기</p>  <p>워크</p>	<p>() 가 가</p> <p>가 가</p>	<p>1. ,</p> <p>2. ()</p> <p>3. .</p>
<p>내면 연삭</p> <p>Packing plate</p> 	<p>2 가 가</p> <p>가</p>	<p>1. 가 .</p> <p>2. 가 .</p> <p>3. 가 .</p> <p>4. .</p>
<p>아크 용접</p> 		<p>1. 가</p> <p>2. 가</p> <p>3. .</p>

5.3 "

Point	
1.	() 5
2.	
3.	
4.	가



5.4 "

가	()
---	-----

()

No		?	?	?
1		(A)		
		(B)		

2		(A) (B)		가
3		(A) (B)		가
4		가 (A)	(1)	가
5		가 (A) (B)		가
6		(A) (B)	가	
7		가 (A) (B)		

5.5 "

	()
--	-----

ssy) , 가 , 1 A' ()

No	
1	1. 2. 3.

2	가 가 ±	1. 가 ± 2. 가 ±
3	가	1. 12. 가 13. 4.

5.6 " , , , " list up .
4M (1)()

		4M (1)
가 ±	1. 가 (±)	1-1 1-2 1-3 1-4 1-5

4M (2)()

	4M (1)	4M (2)
1. 가 ±	1-1. 가	1-1-1. 1-1-2. () 1-1-3.
2.	2-1.	2-1-1. 2-1-2. 2-1-3. 2-1-4.
3.	3-1. 가	3-1-1. 3-1-2. 3-1-3. 3-1-4.

5.7 " " "
(1)

1. - 가() - (가 , ,) - (,) - (가)
2.

(2)

point
1. " " , " "
2. , 2 3 ,
3. , " 가, 가?"

()

No		
1		,
2		
3		
4		
5		
6		,
7		,
8		
9	V	
10		,
11		, FFT
12		,
13		
14		
15		
16		,
17		
18		
19		
20		
21		
22		
23		
24		,
25		,
26		,
27		,
28		

No		
29		
30		
31		
32	()	
33		
34		
35		X
36		가
37		
38		
39		
40		
41		
42		X
43		
44		
45		
46		
47	pH	pH ,
48		
49		, FFT
50		
51		
52		
53		
54		
55		

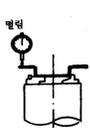
PM

05

-PM

(KSA P91-01-M02)

P M		
	가	가 (가)
	(Cp=1.2)	(가)

		1	4M ()									
			1		2	2						
1.	001		0.03	NG	1.1	NG	1.1.1 2 3 4 5	mm	2	NG NG NG Ng NG		
					12	NG	1.2.1 2 3 4 5			NG	BRG	
					13	NG	1.3.1 2 3 4 5			BRG BRG 가		BRG
2.	가			NG	2.1	NG	2.1.1 2 3 4 5 6	가 2K		NG NG NG NG NG	(, 脫磁) 가	
					22	NG	2.2.1 2 3 4 5			가	NG	