

PHILIPS

SERVICE DOCUMENTATIE

voor de radiogrammofoon

FX 747 A-00-60

1955. Voor voeding uit wisselstroomnetten.

GOLFBREIKEN

K.G.2a : 11,3	- 17	m	(26,4 - 17,6 Mo/s)
K.G.2b : 17	- 25,87	m	(17,6 - 11,6 Mo/s)
K.G.2c : 23,07	- 32,96	m	(13 - 9,1 Mo/s)
K.G.2d : 32,25	- 60	m	(9,3 - 5 Mo/s)
K.G.3 : 60	- 187	m	(5 - 1,6 Mo/s)
M.G. : 187	- 580	m	(1605 - 517 kc/s)

M.F. : 452 kc/s.

NETSPANNINGEN

90, 110, 125, 180, 200,
220 V.

VERBRUIK

95 Watt.

KNOPPEN

Van links naar rechts:
Netschakelaar, volumeregelaar.
Kruk : Radio - p.u.schakelaar.
Toonregelaar.
Kruk : Basschakelaar.
Micro-afstemming.
Ferroceptorafstemming.
Afstemming.

LUIDSPREKER

9762 M (Z = 7 Ω).

AFMETINGEN.

Hoogte : 83 cm
Lengte : 100 cm
Diepte : 52 cm

BUIZEN

B1 : EF41
B2 : 6CH81
B3 : EBF80
B4 : EBC41
B5 : ECG40
B6 : EL84
B7 : EL84
B8 : EZ80
B9 : EZ80
B10 : EM80
X1 : OA51

SCHAALVERLICHTINGSLAMPJES

L1, L2 = 8045D-00
L4-L9 = 8023N-00
L10 = 8024N-00
L11 = 8073D-00

UITLEENBIBLIOTHEEK
PHILIPS NEDERLAND N.V.
Technische Dienst

PLATENWISSELAAR

AG 1006-85 (FX 747 A-00)
AG 1006-86 (FX 747 A-60)

HET AFREGELLEN VAN DE ONTVANGER

Volumeregelaar op maximum.

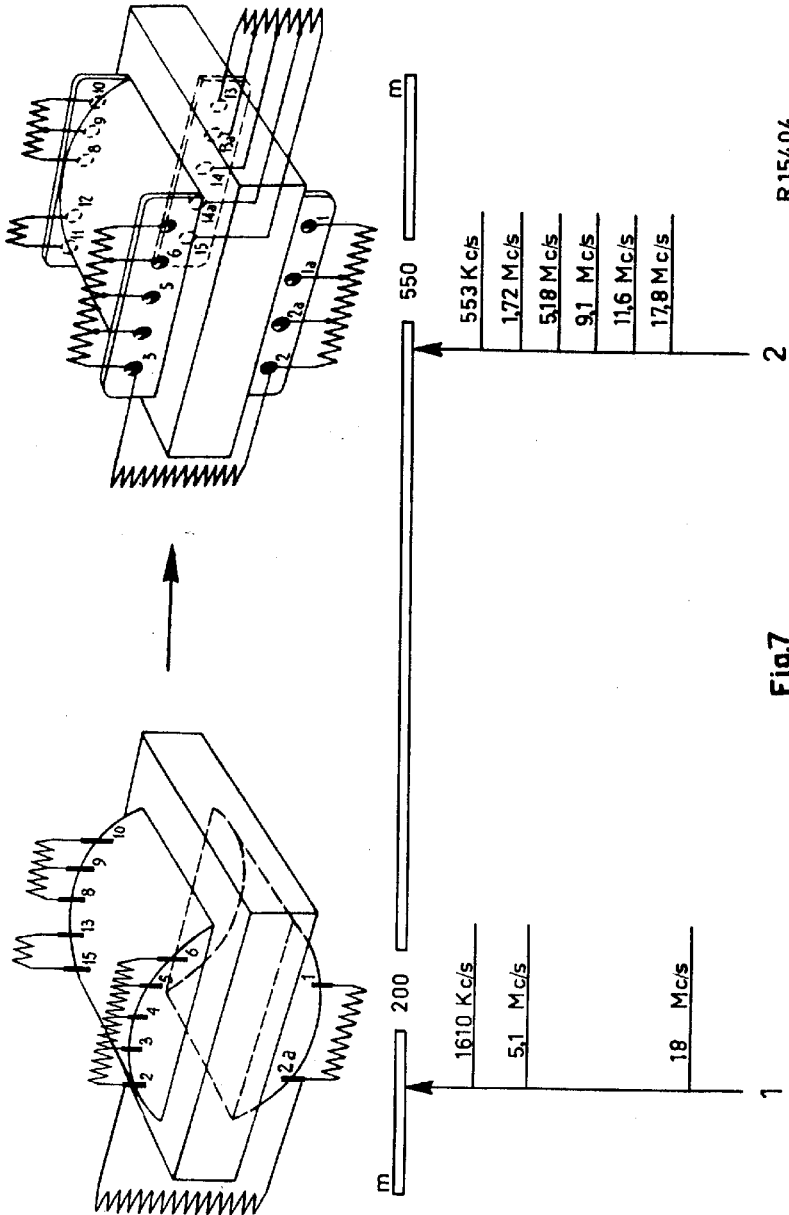
Toonregelaar op kwaliteit.

Sluit een voltmeter aan op de bussen voor de extra luidspreker.

Wanneer niet anders is aangegeven worden alle signalen aan de antennebus toegevoerd via een kunstantenne.

Trimpunt 1 (links op de schaal) komt overeen met minimum capaciteit van de afstemcondensator.

<u>M.F. BANDFILTERS</u>				
Draai de kernen van de M.F. filters zo ver mogelijk uit.				
Golfbereik	Wijzer op trimpunt	Gemoduleerd signaal van	Afregelen	Output
M.G.	1	452 kc/s aan g1 van B2 via 33000 pF	S46	Maximum
			S44	
			S40	
			S42	
			S44	
<u>H.F. CIRCUITS</u>				
M.G.	2	553 kc/s via 33000 pF	S39, S27 } S17a, S18a }	Maximum herhalen
	1	1610 kc/s via 33000 pF	C37, C21 } C7 }	
K.G.3	2	1.723 Mc/s	S37, S24, S16 } C35, C20, C6 }	Maximum herhalen
	1	5.1 Mc/s		
K.G.2b	2	11.74 Mc/s	S30, S21, S10 } C32, C18, C8 }	Maximum herhalen
	1	18 Mc/s		
K.G.2a	2	17.8 Mc/s	S29, S20, S8	Maximum
K.G.2c	2	9.095 Mc/s	S31, S22, S12	Maximum
K.G.2d	2	5.174 Mc/s	S34, S23, S14	Maximum



R15404

2

Fig.7

1

C60	680	pF	A9 999 04/680E	R33	0.18 MΩ	A9 999 00/180K
C61	680	pF	A9 999 04/680E	R34	0.47 MΩ	A9 999 00/470K
C62	150	pF	A9 999 04/150E	R36	0.1 MΩ	A9 999 00/100K
C63	6800	pF	A9 999 06/6K8	R37	3900 Ω	A9 999 00/3K9
C64	5.6	pF	A9 999 04/5E6	R38	0.47 MΩ	A9 999 00/470K
C65	10	μF	A9 999 11/1E8	R39	1 MΩ	A9 999 00/1M
C66	50	μF	A9 999 09/B50	R40	0.82 MΩ	A9 999 00/820K
C67	33000	pF	A9 999 06/33K	R41	1800 Ω	A9 999 00/1K8
C68	33000	pF	A9 999 06/33K	R42	0.22 MΩ	A9 999 00/220K
C69	2200	pF	A9 999 06/V2K2	R43	1 MΩ	A9 999 00/1M
C70	2200	pF	A9 999 06/V2K2	R44	1 MΩ	A9 999 00/1M
C71	4500	pF	A9 999 05/4K3+	R45	6.8 MΩ	A9 999 00/6M8
C72	5500	pF	A9 999 05/200E	R46	0.56 MΩ	A9 999 00/560K
C73	0.1	μF	A9 999 05/5K1+	R47	0.22 MΩ	A9 999 00/220K
C74	0.1	μF	A9 999 05/390E	R48	0.15 MΩ	A9 999 00/150K
C75	18	pF	A9 999 06/V100K	R49	0.65 MΩ)A9 999 15/
C76	18	pF	A9 999 06/100K	R50	2 MΩ)E650K+2M
C77	10	pF	A9 999 04/18E	R51	0.22 MΩ	A9 999 00/220K
C78	0.1	μF	A9 999 04/18E	R52	0.39 MΩ	A9 999 00/390K
C80	10000	pF	A9 999 04/10E	R53	68000 Ω	A9 999 00/68K
C85	10000	pF	A9 999 06/100K	R54	0.65 MΩ)A9 999 15/
R1	1080	Ω	A9 999 04/10K	R55	0.2 MΩ)L200K+650K
R2	47	Ω	A9 999 00/2K7+	R56	0.1 MΩ	A9 999 00/100K
R3	10000	Ω	B1 636 10	R57	390 Ω	A9 999 00/390E
R4	0.1	MΩ	A9 999 00/47E	R58	2.2 MΩ	A9 999 00/2M2
R5	330	Ω	A9 999 00/10K	R59	0.15 MΩ	A9 999 00/150K
R6	0.1	MΩ	A9 999 00/100K	R60	0.15 MΩ	A9 999 00/150K
R7	10000	Ω	A9 999 00/330E	R61	10000 Ω	A9 999 00/10K
R8	1000	Ω	A9 999 00/100K	R62	56 Ω	A9 999 00/56E
R9	12000	Ω	A9 999 00/10K	R63	2200 Ω	A9 999 00/2K2
R10	0.39	MΩ	A9 999 00/1K	R64	2200 Ω	A9 999 00/2K2
R11	41000	Ω	A9 999 00/12K	R65	3900 Ω	A9 999 00/3K9
R12	0.39	MΩ	A9 999 00/390K	R66	1 MΩ	A9 999 00/1M
R13	1	MΩ	A9 999 00/82K	R67	1 MΩ	A9 999 00/1M
R14	47000	Ω	A9 999 00/390K	R68	1000 Ω	A9 999 00/1K
R15	33000	Ω	A9 999 00/1M	R69	0.68 MΩ	A9 999 00/680K
R16	560	Ω	A9 999 00/47K	R70	100 Ω	A9 999 00/100E
R17	1	MΩ	A9 999 00/33K	R71	0.68 MΩ	A9 999 00/680K
R18	2.2	MΩ	A9 999 00/560E	R72	1000 Ω	A9 999 00/1K
R19	1.8	MΩ	A9 999 00/1M	R80	2M7	A9 999 00/2M7
R20	22	Ω	A9 999 00/2M2	R81	4M7	A9 999 00/4M7
R21	5600	Ω	A9 999 00/1M8			
R22	1.2	MΩ	A9 999 00/22E			
R24	47000	Ω	A9 999 00/5K6			
R25	2.2	MΩ	A9 999 00/1M2			
R26	0.68	MΩ	A9 999 00/47K			
R27	0.56	MΩ	A9 999 00/2M2			
R28	47000	Ω	A9 999 00/680K			
R29	82000	Ω	A9 999 00/560K			
R30	0.68	MΩ	A9 999 00/47K			
R31	0.65	MΩ	A9 999 00/82K			
R32	0.2	MΩ	A9 999 00/680K			
)A9 999 15/			
)L200K+650K			

DJ/TV

S1		} A3 141 39.2	S49		} A3 169 60.0
S2			S50		
S3			S51		
S7		} A3 125 79.0	S52		} A9 999 12/ L50+50
S8			C1	50 MF	
S9			C2	50 MF	
S10		} A3 125 26.0	C4	50 MF	A9 999 12/P50
S11			C5	150 PF	A9 999 04/150E
S12			C6	30 PF	28 212 36.4
S13		} A3 125 28.0	C7	10 PF	49 005 64.2
S14			C8	60 PF	49 005 58.0
S15			C12	150 PF	A9 999 04/150E
S16		} A3 125 33.0	C13	165 PF	A9 999 04/150E
S17			C14	150 PF	+A9 999 04/15E
S17a			C15	10000 PF	A9 999 04/150E
S18		} A3 118 86.0	C16	10000 PF	A9 999 04/10K
S18a			C17	150 PF	A9 999 04/10K
			C18	60 PF	A9 999 04/150E
S19		} A3 118 86.0	C19	120 PF	49 005 58.0
S20			C20	30 PF	A9 999 04/120E
S21			C21	30 PF	28 212 36.4
S22		} A3 110 66.0	C22	22000 PF	28 212 36.4
S23			C23	165 PF	A9 999 04/22K
S24			C24	150 PF	A9 999 04/150E
S25		} A3 125 41.0	C25	0.1 MF	+A9 999 04/15E
S26			C26	220 PF	A9 999 04/150E
S27			C27	500 PF	A9 999 06/100K
S28		} A3 125 46.1	C28	180 PF	A9 999 04/220E
S29			C29	100 PF	A9 999 05/510E
S30			C30	100 PF	A9 999 05/180E
S31		} A3 117 43.0	C31	100 PF	A9 999 04/100E
S32			C32	60 PF	A9 999 04/100E
S33			C33	150 PF	49 005 58.0
S34		} A3 113 10.1	C34	1575 PF	A9 999 05/150E
S35			C35	30 PF	A9 999 05/1K6
S36			C36	412 PF	28 212 36.4
S37		} A3 125 68.0	C37	30 PF	A9 999 05/390+
S38			C42	47000 PF	A9 999 05/22E
S39			C43	330 PF	28 212 36.4
S40		} A3 125 72.0	C44	47000 PF	A9 999 06/47K
S41			C45	12 PF	A9 999 04/330E
S42			C47	22000 PF	A9 999 06/47K
S43		} A3 121 94.2	C48	47 PF	A9 999 04/12E
C38	115 pF		C49	47000 PF	A9 999 04/22K
C39	115 pF		C50	680 E	A9 999 04/47E
S44		} A3 126 84.0	C52	8200 E	A9 999 04/47E
S45			C53	3900 E	A9 999 04/680E
S46			C54	470 E	A9 999 06/8K2
S47		} A3 126 84.0	C55	22000 PF	A9 999 06/3K9
C40	110 pF		C56	10000 PF	A9 999 04/470E
C41	195 pF		C57	50 MF	A9 999 06/22K
			C58	22 PF	A9 999 06/10K
			C59	270 PF	A9 999 12/P50
					A9 999 04/22E
					A9 999 04/270E

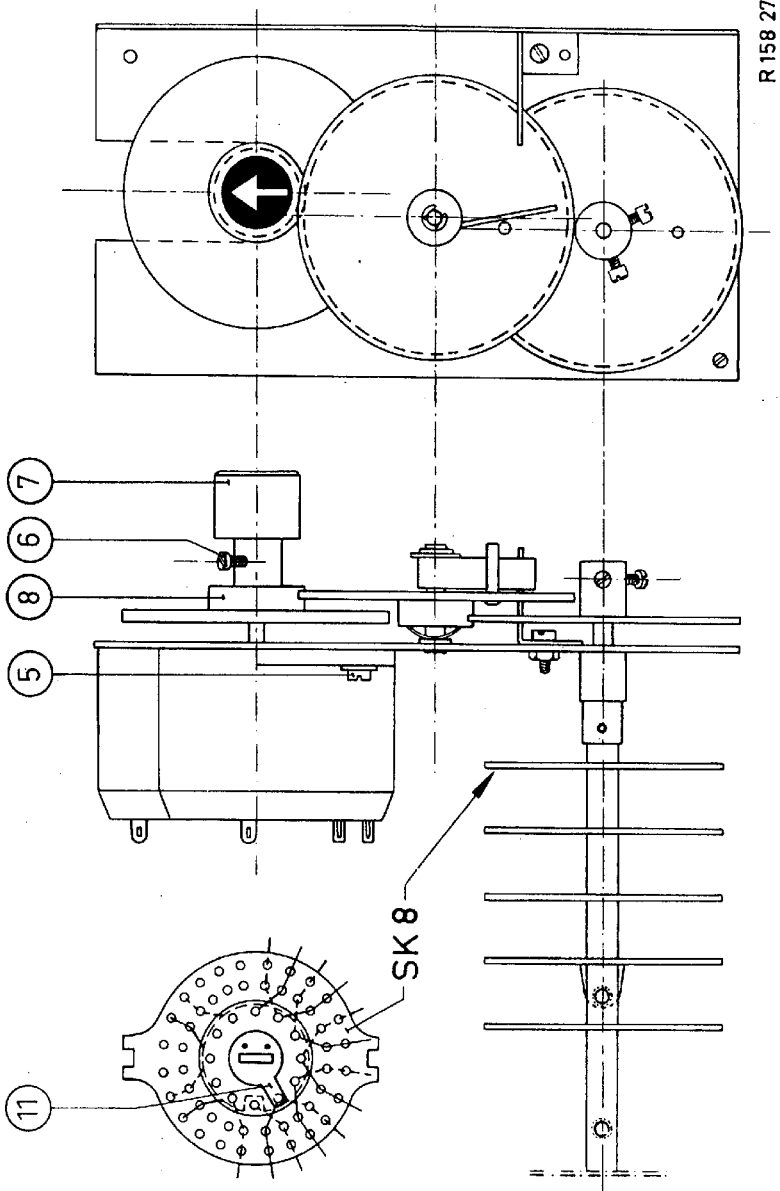


Fig.3

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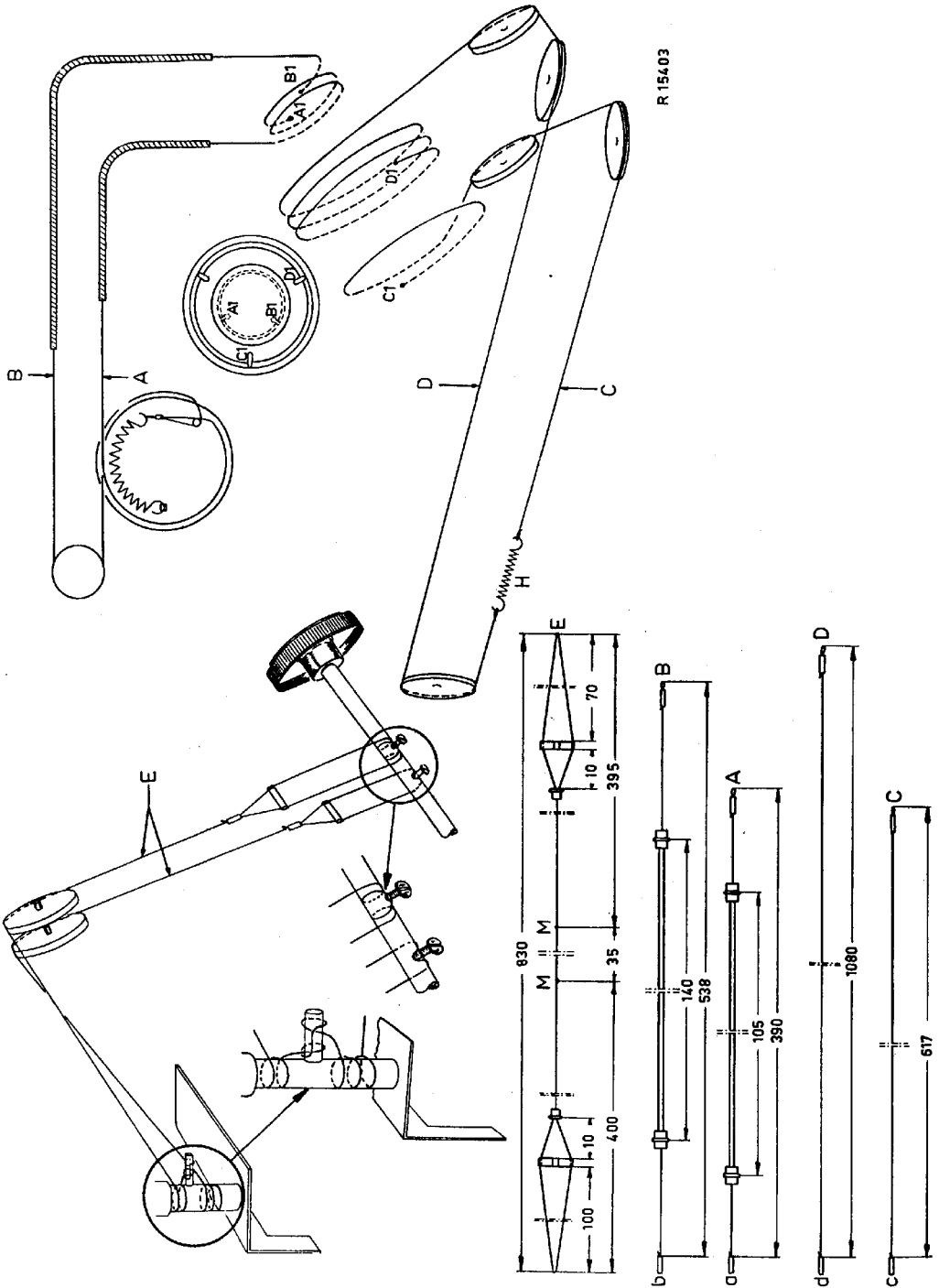
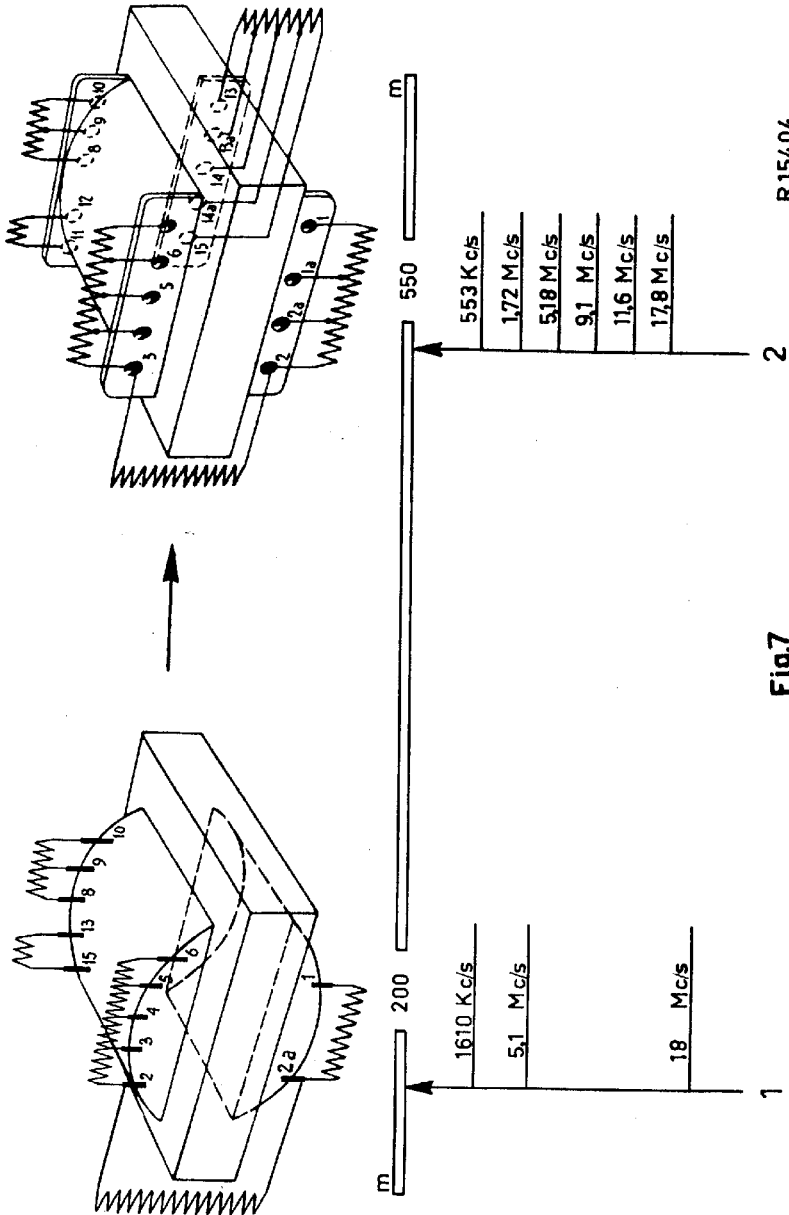


Fig.4



R15404

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Fig.7

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S											U.	35.28 T.										A. B. C. D. G. H. P. N. O. J. K. E. Q. M. L. 19. S. P.																																																
C	73	52	57	64	55.	53	63	65.	62.	50.	61.	54.	58.	68	47.	59	60	56	67.	66.	74	78.	25.	44.	49.	48.	45.	80	42.	22.	46.	26.	24.	7	71.	27.	43.	12.	17	29	23	13.	28.	30.	75.	14.	72	76.	15.	5.	19.	16.	33.	31.	4.	72.	36.	36.												
R	28.	33.	58.	38.	27	31.	32	54	55.	53	39	57	65.	36	30.	29.	51.	68	43.	44	56.	50.	49	69.	47.	66	59.	64	5.	60.	61.	70.	63.	42.	72.	67.	48.	71.	41.	64.	40.	10.	52.	14.	26.	12.	24.	11.	11a.	25.	37	62.	19.	18.	22.	17.	23	15.	14.	13.	4.	16.	20.	3.	8.	5.	9.	6.	9.	7.

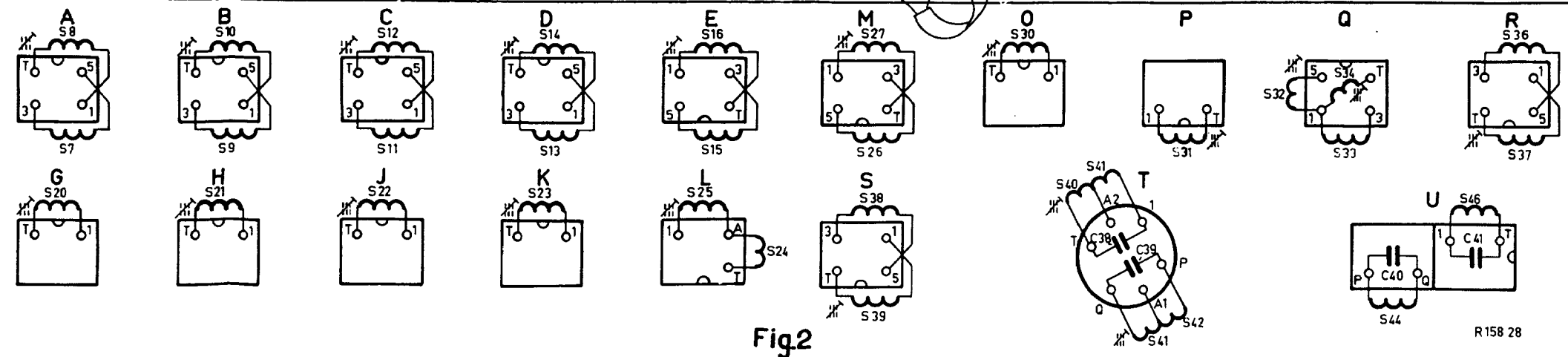
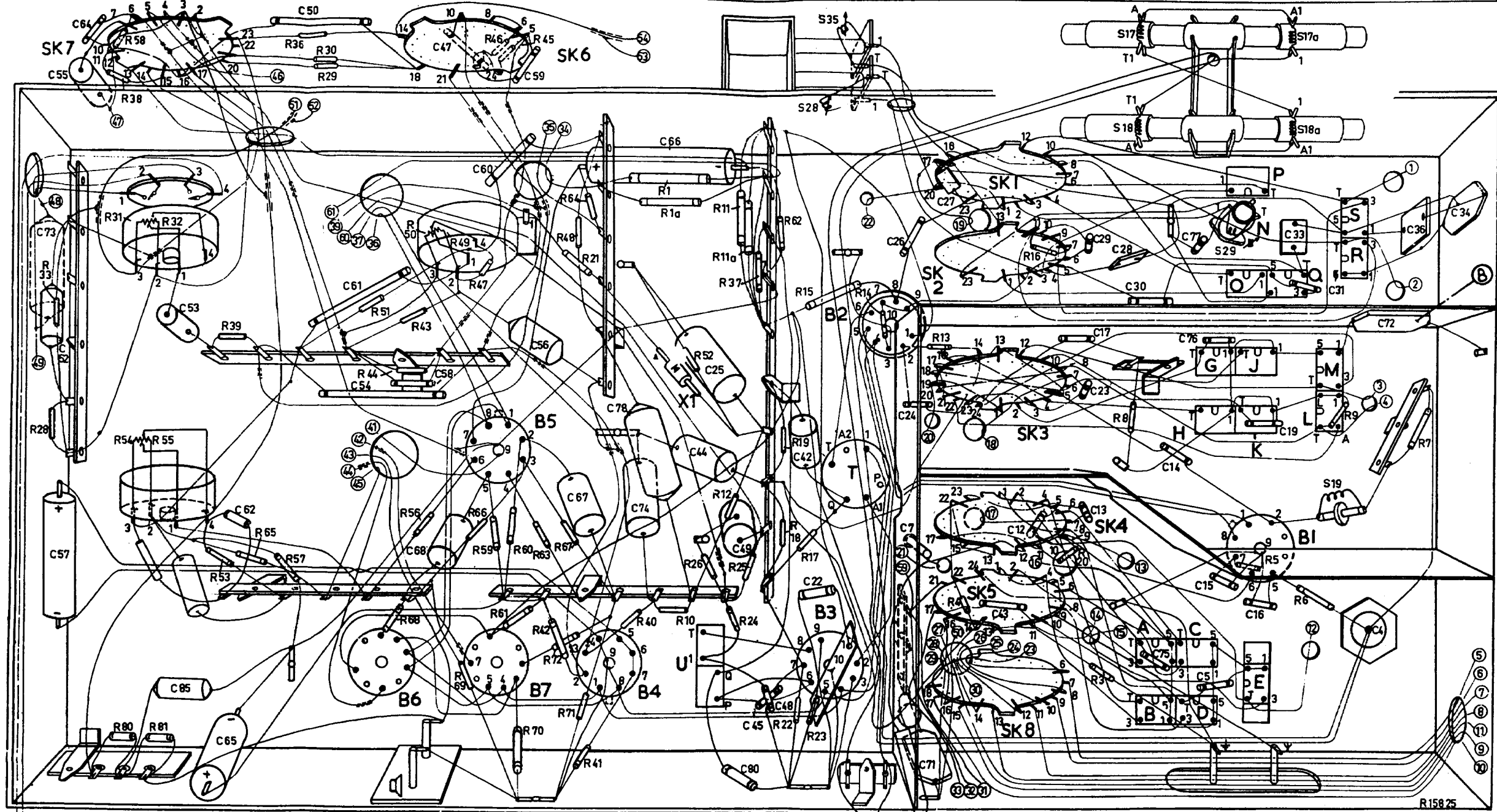


Fig. 2

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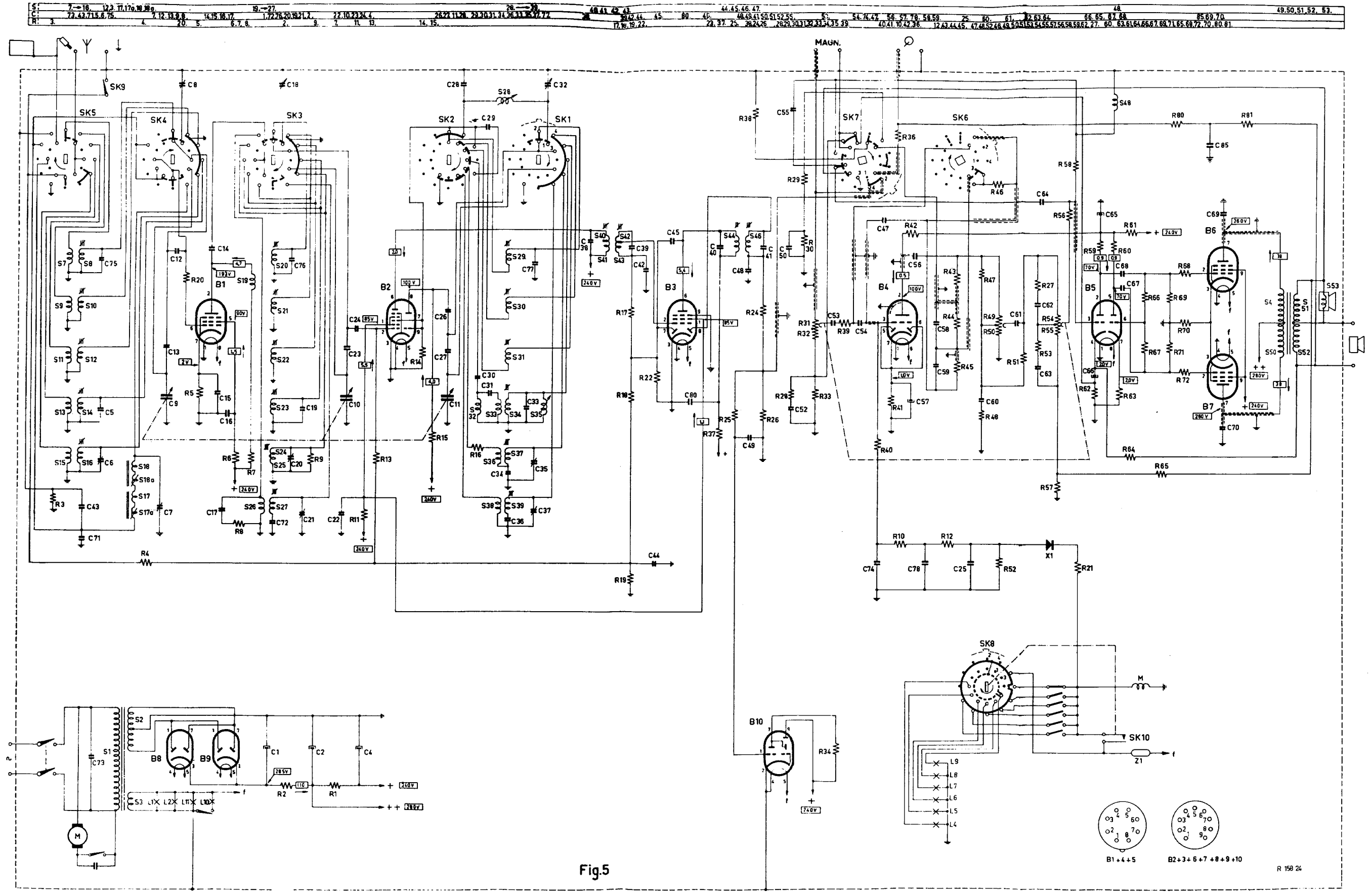
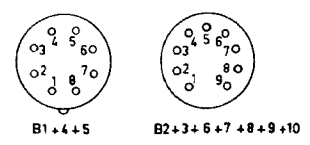


Fig.5



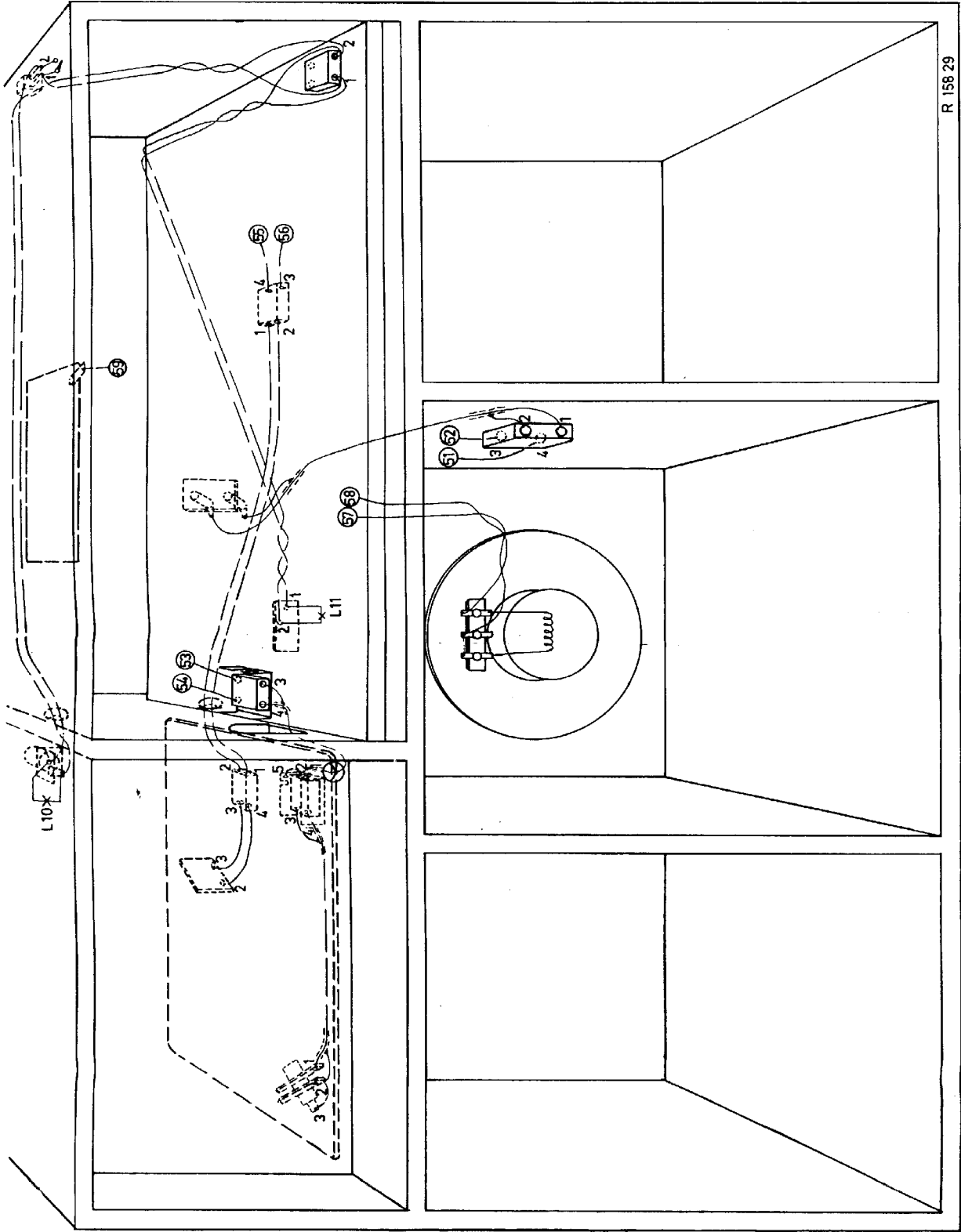


Fig.6