

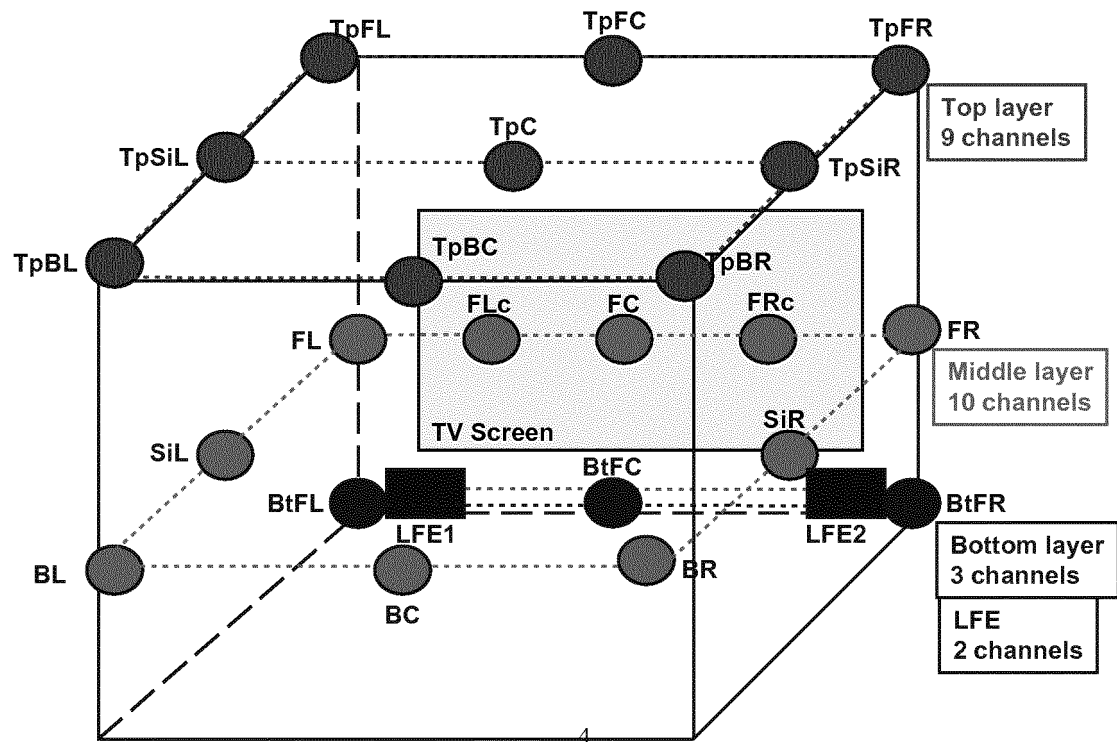


Fig. 1

	FL'	FR'	BL'	BR'	TpFL'	TpFR'	TpBL'	TpBR'
FC	0.7071	0.7071	0	0	0	0	0	0
FLc	0.7071	0	0	0	0	0	0	0
FRc	0	0.7071	0	0	0	0	0	0
FL	1	0	0	0	0	0	0	0
FR	0	1	0	0	0	0	0	0
SiL	0.7071	0	0.7071	0	0	0	0	0
SiR	0	0.7071	0	0.7071	0	0	0	0
BL	0	0	1	0	0	0	0	0
BR	0	0	0	1	0	0	0	0
BC	0	0	0.7071	0.7071	0	0	0	0
TpFC	0	0	0	0	0.7071	0.7071	0	0
TpFL	0	0	0	0	1	0	0	0
TpFR	0	0	0	0	0	1	0	0
TpSiL	0	0	0	0	0.7071	0	0.7071	0
TpSiR	0	0	0	0	0	0.7071	0	0.7071
TpBL	0	0	0	0	0	0	1	0
TpBR	0	0	0	0	0	0	0	1
TpBC	0	0	0	0	0	0	0.7071	0.7071
TpC	0	0	0	0	0.5	0.5	0.5	0.5
BtFC	0.5	0.5	0.5	0.5	0	0	0	0
BtFL	0.7071	0	0	0.7071	0	0	0	0
BtFR	0	0.7071	0.7071	0	0	0	0	0

Fig. 2

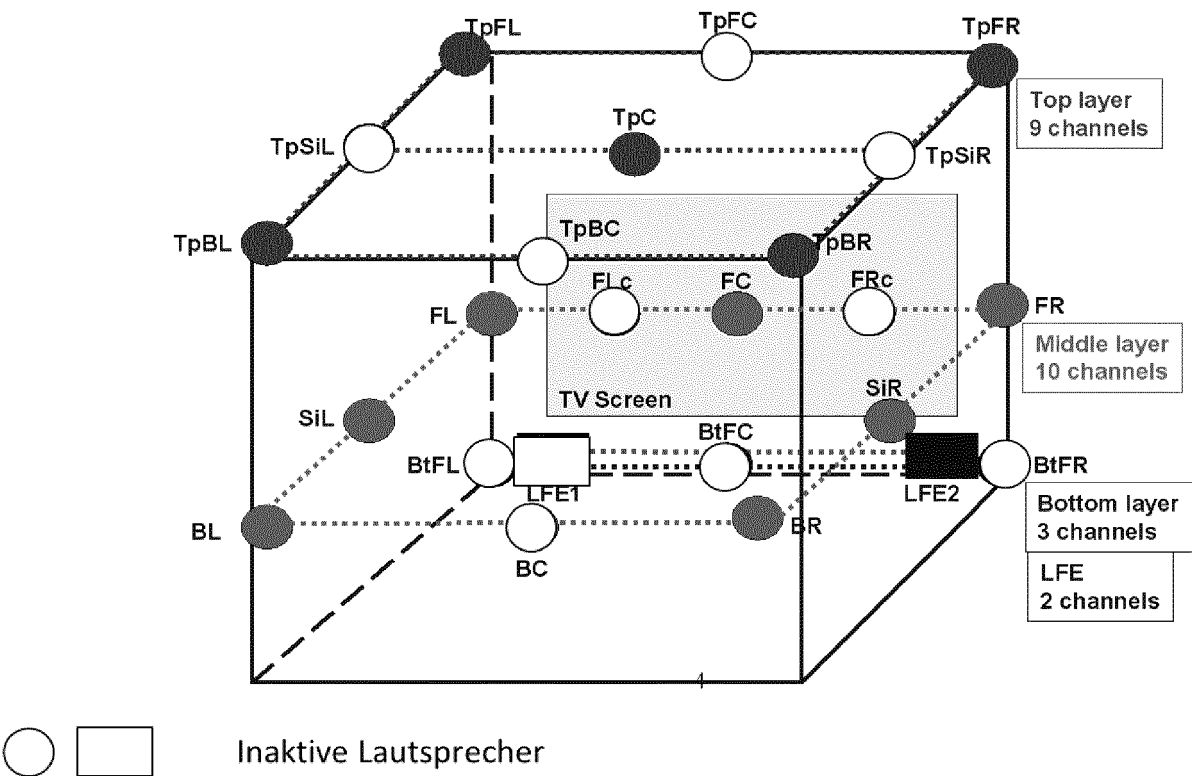


Fig. 3

	FC'	FL'	FR'	SiL'	SiR'	BL'	BR'
FC	1	0	0	0	0	0	0
FL	0	1	0	0	0	0	0
FR	0	0	1	0	0	0	0
SiL	0	0	0	1	0	0	0
SiR	0	0	0	0	1	0	0
BL	0	0	0	0	0	1	0
BR	0	0	0	0	0	0	1
TpFL	0	0.5	0	0	0	0.5	0
TpFR	0	0	0.5	0	0	0	0.5
TpBL	0	0.5	0	0	0	0.5	0
TpBR	0	0	0.5	0	0	0	0.5
TpC	0	0.5	0.5	0	0	0.5	0.5

Fig. 4

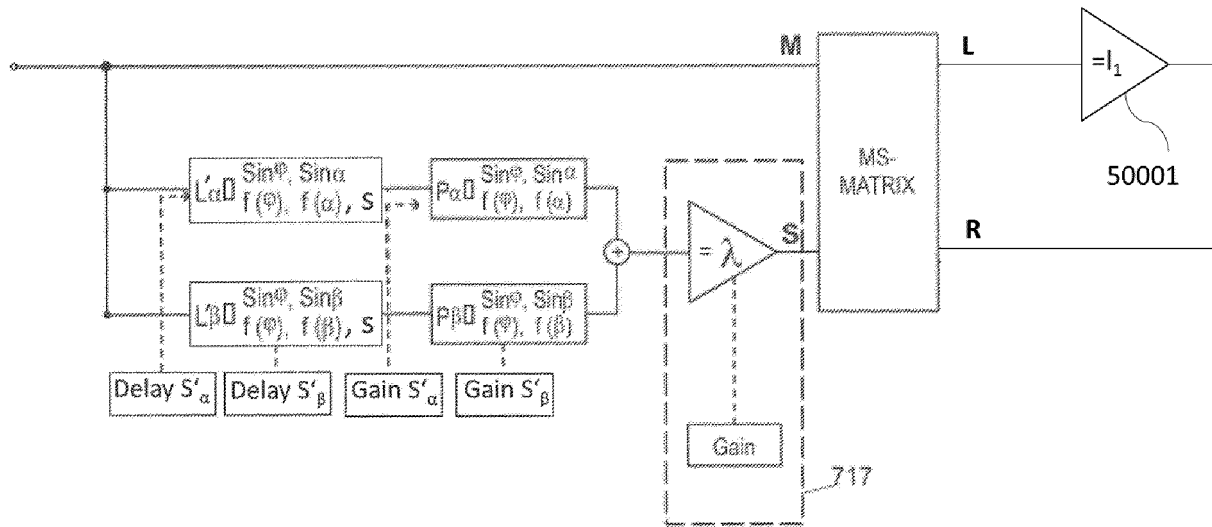


Fig. 5

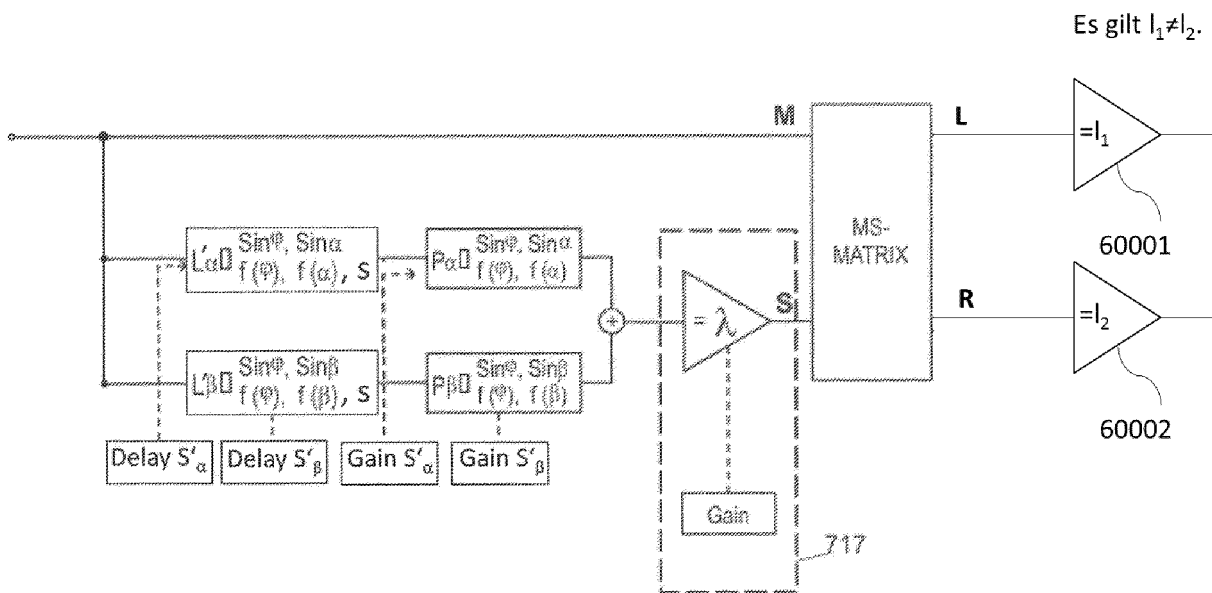


Fig. 6

FL'	FC'	FL'	FR'	SIL'	SIR'	BL'	BR'	BC'	TpFC'	TpFL'	TpFR'	TpSIL'	TpSIR'	TpBL'	TpBR'	TpBC'	BtFL'	BtFR'
k+1	k+1	1	0	k+1	0	0	0	0	0	0	0	0	0	0	0	0	k+1	0
k+1	k+1	0	1	0	k+1	0	0	0	0	0	0	0	0	0	0	0	0	k+1
0	0	0	0	k+1	0	1	0	k+1	0	0	0	0	0	0	0	0	0	k+1
0	0	0	0	0	k+1	0	1	k+1	0	0	0	0	0	0	0	0	k+1	0
0	0	0	0	0	0	0	0	0	k+1	1	0	k+1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	k+1	0	1	0	k+1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	k+1	0	1	0	k+1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	k+1	0	1	k+1	0	0

FIG. 7

		BtFC'
BtFL'		k+1
BtFR'		k+1

FIG. 8

	FC*	SiL*	SIR*	BC*	TpFC*	TpSiL*	TpSiR*	TpBC*	BtFC*
FC'	abs	0	0	0	0	0	0	0	0
SiL'	0	absl	0	0	0	0	0	0	0
SIR'	0	0	absl	0	0	0	0	0	0
BC'	0	0	0	absl	0	0	0	0	0
TpFC'	0	0	0	0	absl	0	0	0	0
TpSiL'	0	0	0	0	0	absl	0	0	0
TpSiR'	0	0	0	0	0	0	absl	0	0
TpBC'	0	0	0	0	0	0	0	absl	0
BtFC'	0	0	0	0	0	0	0	0	absl

FIG. 9

FC*	1	FL*	FR*	SIL*	SIR*	BL*	BR*	BC*	TPFC*	TPFL*	TPFR*	TPSIL*	TPSIR*	TPBL*	TPBR*	TPBC*	BtFC*	BtFL*	BtFR*
FL*	0	-0.7071	-0.7071	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FR*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIL*	0	0	1	0	0	-0.7071	0	0	0	0	0	0	0	0	0	0	0	0	0
SIR*	0	-0.7071	-0.7071	1	0	-0.7071	0	0	0	0	0	0	0	0	0	0	0	0	0
BL*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BR*	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
BC*	0	0	0	0	0	-0.7071	-0.7071	1	0	0	0	0	0	0	0	0	0	0	0
TPFC*	0	0	0	0	0	0	0	0	1	-0.7071	-0.7071	0	0	0	0	0	0	0	0
TPFL*	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TPFR*	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TPSIL*	0	0	0	0	0	0	0	0	0	-0.7071	0	1	0	-0.7071	0	0	0	0	0
TPSIR*	0	0	0	0	0	0	0	0	0	0	-0.7071	0	1	0	-0.7071	0	0	0	0
TPBL*	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
TPBR*	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
TPBC*	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.7071	-0.7071	1	0	0	0
BtFC*	0	0	0	0	0	0	0	0	0	0	0	0	0	-0.7071	0	0	1	-0.7071	-0.7071
BtFL*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
BtFR*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

FIG. 10

FL''	J1(0.7071)	FLc'	FRC'	FL'''	FR'''
FR''	0	J2(0.7071)	0	J1(1)	0
				0	J2(1)

FIG. 11

	FLc*	FRC*	FL*	FR*
FLc'	J1(0.7071)*	0	0	0
FRC'	0	J2(0.7071)*	0	0
FL'''	0	0	absl	0
FR'''	0	0	0	absl

FIG. 12

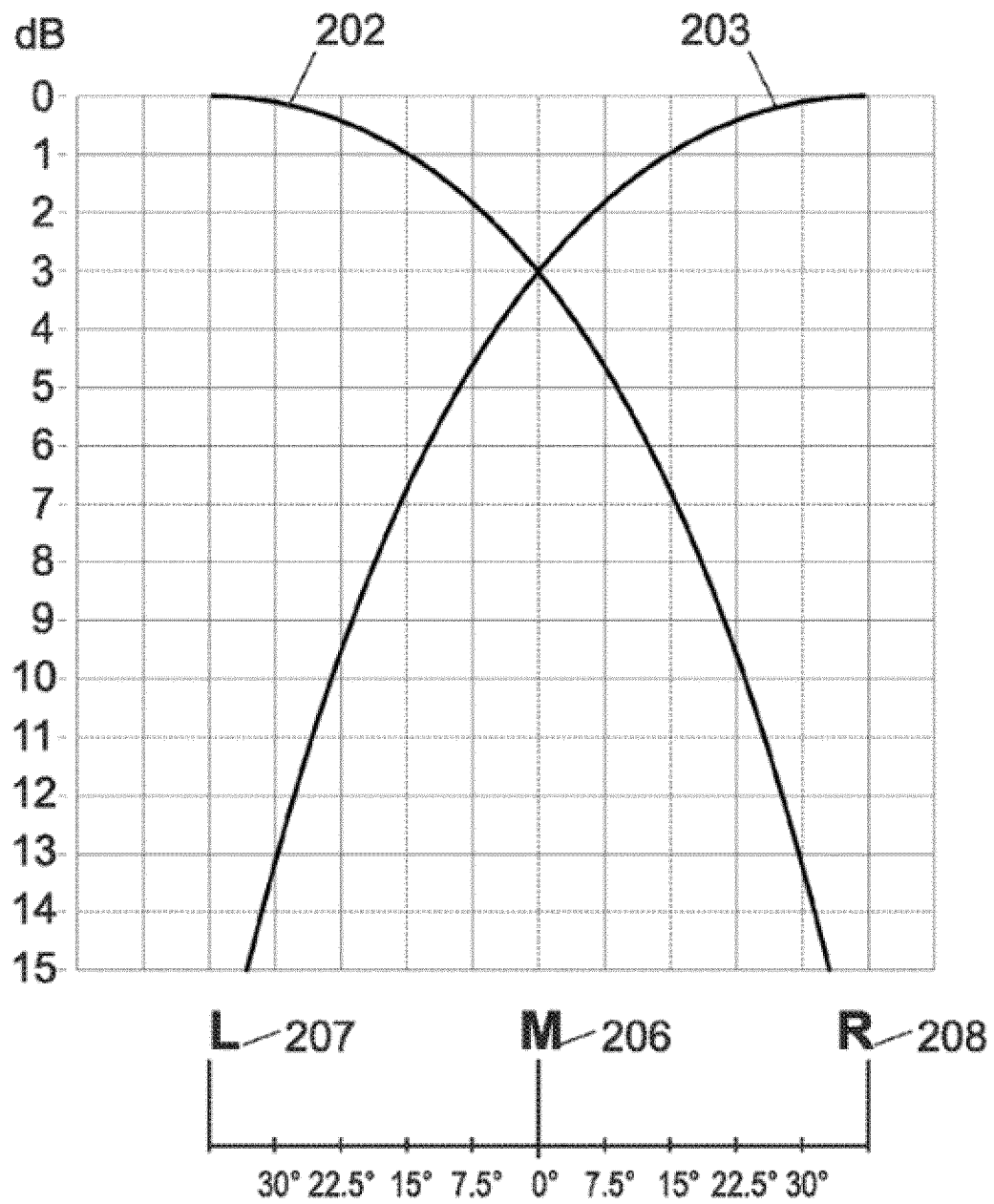


Fig. 13

	FC'	FL'	FR'	SIL'	SIR'	BL'	BR'	TpL'	TpR'
FC'	1	0	0	0	0	0	0	0	0
FL'	0	1	0	0	0	0	0	k=+1	0
FR'	0	0	1	0	0	0	0	0	k=+1
SIL'	0	0	0	1	0	0	0	0	0
SIR'	0	0	0	0	1	0	0	0	0
BL'	0	0	0	0	0	1	0	k=+1	0
BR'	0	0	0	0	0	0	1	0	k=+1

FIG. 14

	TpL''	TpR''
TpL'	absl	0
TpR'	0	absl

FIG. 15

	FC*	FL*	FR*	SIL*	SIR*	BL*	BR*	TpL''	TpR''
FC'	1	0	0	0	0	0	0	0	0
FL'	0	1	0	0	0	0	0	0	0
FR'	0	0	1	0	0	0	0	0	0
SIL'	0	0	0	1	0	0	0	0	0
SIR'	0	0	0	0	1	0	0	0	0
BL'	0	0	0	0	0	1	0	0	0
BR'	0	0	0	0	0	0	1	0	0
TpL''	0	-0.7071	0	0	0	-0.7071	0	1	0
TpR''	0	0	-0.7071	0	0	0	-0.7071	0	1

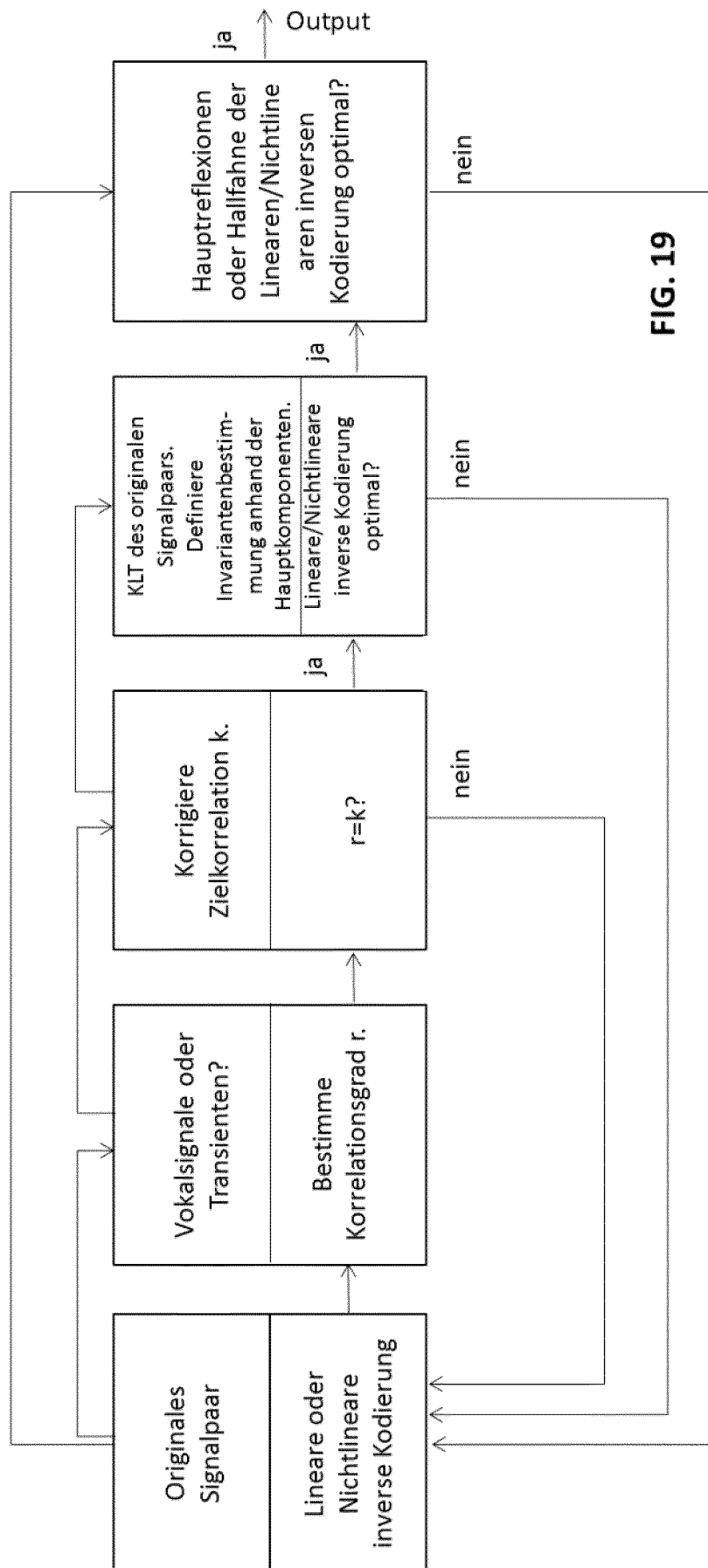
FIG. 16

	FC*	FL*	FR*	SIL*	SIR*	BL*	BR*	TpFL''	TpFR''	TpBL''	TpBR''
FC*	1	0	0	0	0	0	0	0	0	0	0
FL*	0	1	0	0	0	0	0	0	0	0	0
FR*	0	0	1	0	0	0	0	0	0	0	0
SIL*	0	0	0	1	0	0	0	0	0	0	0
SIR*	0	0	0	0	1	0	0	0	0	0	0
BL*	0	0	0	0	0	1	0	0	0	0	0
BR*	0	0	0	0	0	0	1	0	0	0	0
TpL''	0	0	0	0	0	0	0	J1(1)	0	J1(0.7071)	0
TpR''	0	0	0	0	0	0	0	0	J2(1)	0	J2(0.7071)

FIG. 17

	TpFL*	TpFR*	TpBL*	TpBR*
TpFL''	absl	0	0	0
TpFR''	0	absl	0	0
TpBL''	0	0	J1(0.7071)*	0
TpBR''	0	0	0	J2(0.7071)*

FIG. 18



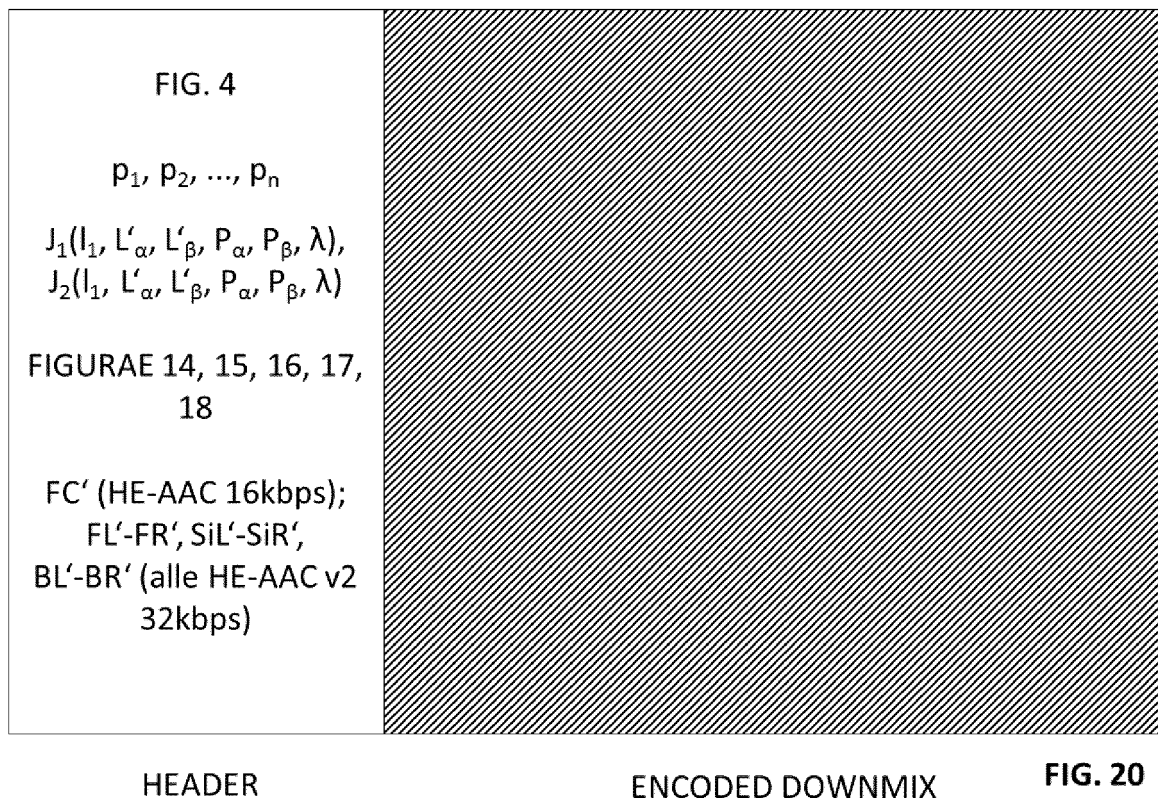


TABELLE 2

Gleichungen für den Downmix von 3/2-Quellmaterial

Mono-Format 1/0	L	R	C	LS	RS
	$C' = 0.7071$	0.7071	1.0000	0.5000	0.5000
Stereo-Format 2/0	L	R	C	LS	RS
	$L' = 1.0000$	0.0000	0.7071	0.7071	0.0000
	$R' = 0.0000$	1.0000	0.7071	0.0000	0.7071
Dreikanaliges Format- 3/0	L	R	C	LS	RS
	$L' = 1.0000$	0.0000	0.0000	0.7071	0.0000
	$R' = 0.0000$	1.0000	0.0000	0.0000	0.7071
	$C' = 0.0000$	0.0000	1.0000	0.0000	0.0000
Dreikanaliges Format- 2/1	L	R	C	LS	RS
	$L' = 1.0000$	0.0000	0.7071	0.0000	0.0000
	$R' = 0.0000$	1.0000	0.7071	0.0000	0.0000
	$S' = 0.0000$	0.0000	0.0000	0.7071	0.7071
Vierkanaliges Format- 3/1	L	R	C	LS	RS
	$L' = 1.0000$	0.0000	0.0000	0.0000	0.0000
	$R' = 0.0000$	1.0000	0.0000	0.0000	0.0000
	$C' = 0.0000$	0.0000	1.0000	0.0000	0.0000
	$S' = 0.0000$	0.0000	0.0000	0.7071	0.7071
Vierkanaliges Format- 2/2	L	R	C	LS	RS
	$L' = 1.0000$	0.0000	0.7071	0.0000	0.0000
	$R' = 0.0000$	1.0000	0.7071	0.0000	0.0000
	$LS' = 0.0000$	0.0000	0.0000	1.0000	0.0000
	$RS' = 0.0000$	0.0000	0.0000	0.0000	1.0000

Fig. 21