FIG. 1

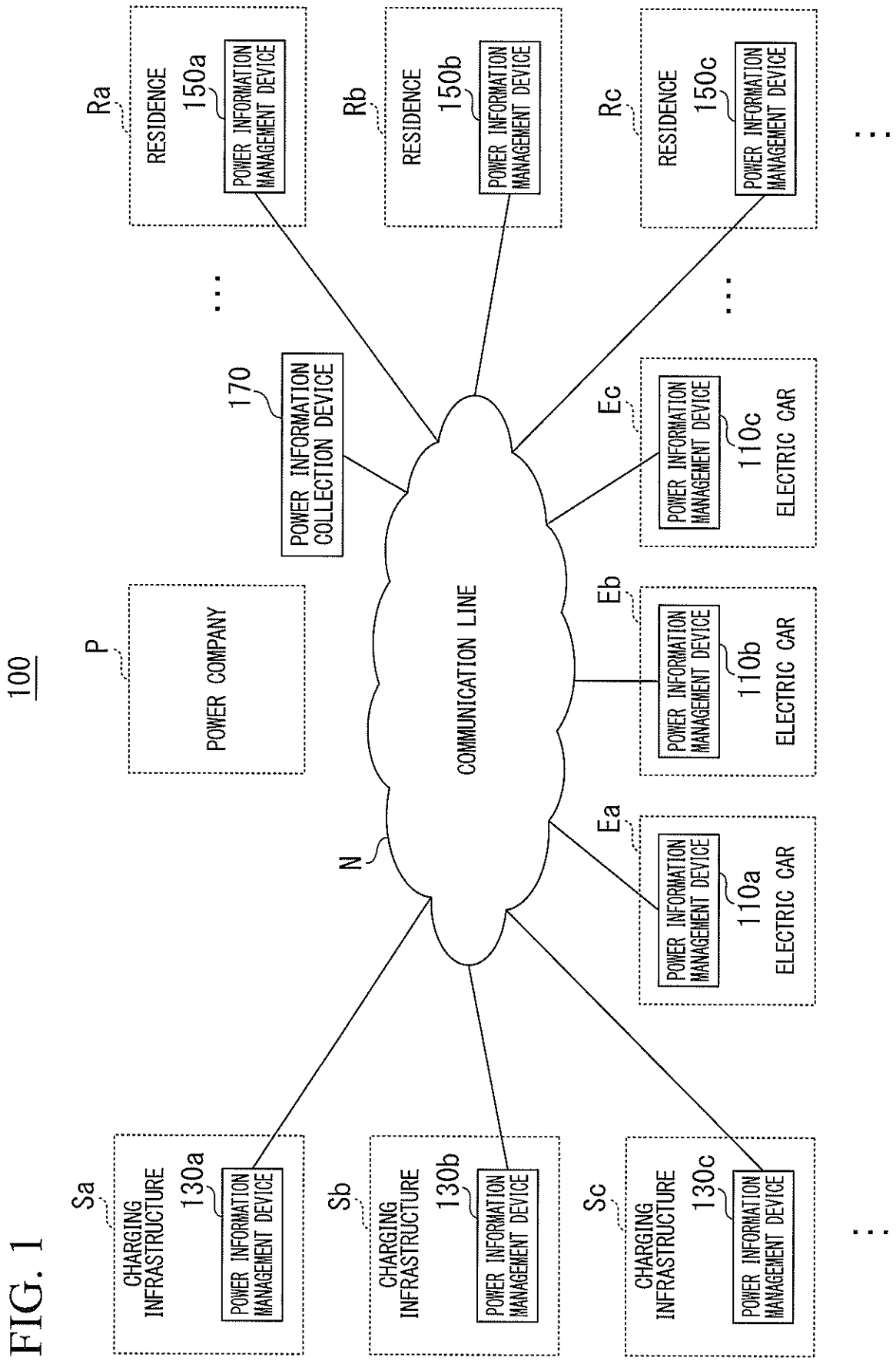

100
Ra
RESIDENCE
150a
POWER INFORMATION MANAGEMENT DEVICE
Rb
RESIDENCE
150b
POWER INFORMATION MANAGEMENT DEVICE
Rc
RESIDENCE
150c
POWER INFORMATION MANAGEMENT DEVICE
170
POWER INFORMATION COLLECTION DEVICE
P
POWER COMPANY
COMMUNICATION LINE
N
Ec
POWER INFORMATION MANAGEMENT DEVICE
110c
ELECTRIC CAR
Eb
POWER INFORMATION MANAGEMENT DEVICE
110b
ELECTRIC CAR
Ea
POWER INFORMATION MANAGEMENT DEVICE
110a
ELECTRIC CAR
Sa
CHARGING INFRASTRUCTURE
130a
POWER INFORMATION MANAGEMENT DEVICE
Sb
CHARGING INFRASTRUCTURE
130b
POWER INFORMATION MANAGEMENT DEVICE
Sc
CHARGING INFRASTRUCTURE
130c
POWER INFORMATION MANAGEMENT DEVICE

FIG. 2

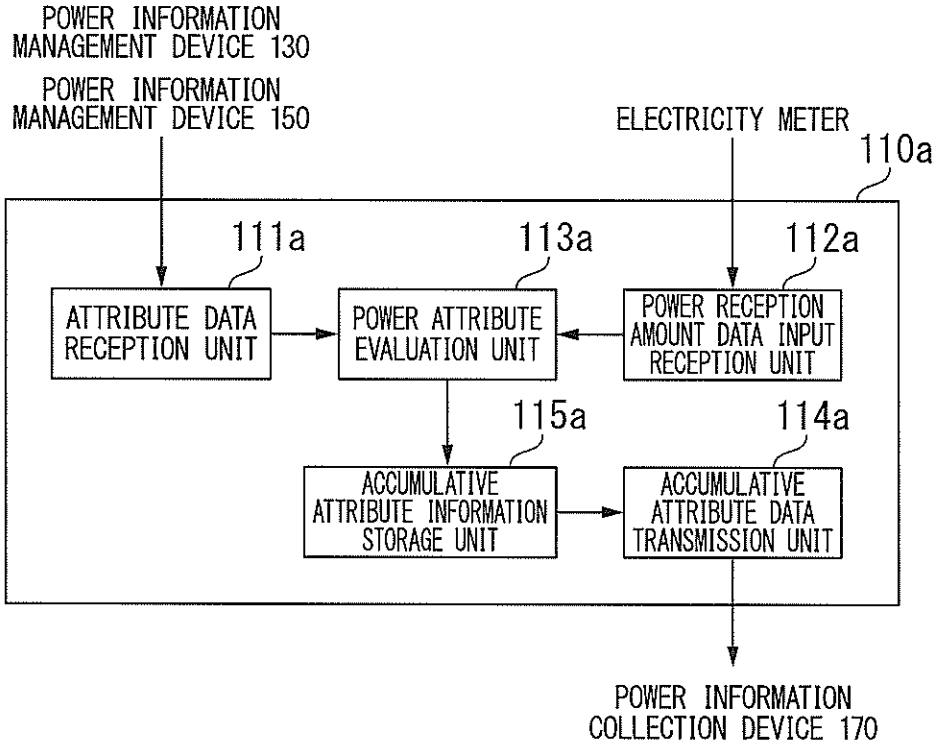


FIG. 3

115

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER SUPPLY SOURCE	POWER RECEPTION AMOUNT (kWh)
POWER COMPANY P	NUCLEAR POWER	CHARGING INFRASTRUCTURE Sa	100
POWER COMPANY P	SOLAR POWER	CHARGING INFRASTRUCTURE Sa	210
POWER COMPANY P	THERMAL POWER	CHARGING INFRASTRUCTURE Sa	50
POWER COMPANY P	NUCLEAR POWER	CHARGING INFRASTRUCTURE Sb	20
POWER COMPANY P	SOLAR POWER	CHARGING INFRASTRUCTURE Sb	20
POWER COMPANY P	THERMAL POWER	CHARGING INFRASTRUCTURE Sb	20
CHARGING INFRASTRUCTURE Sa	SOLAR POWER	CHARGING INFRASTRUCTURE Sa	50

FIG. 4

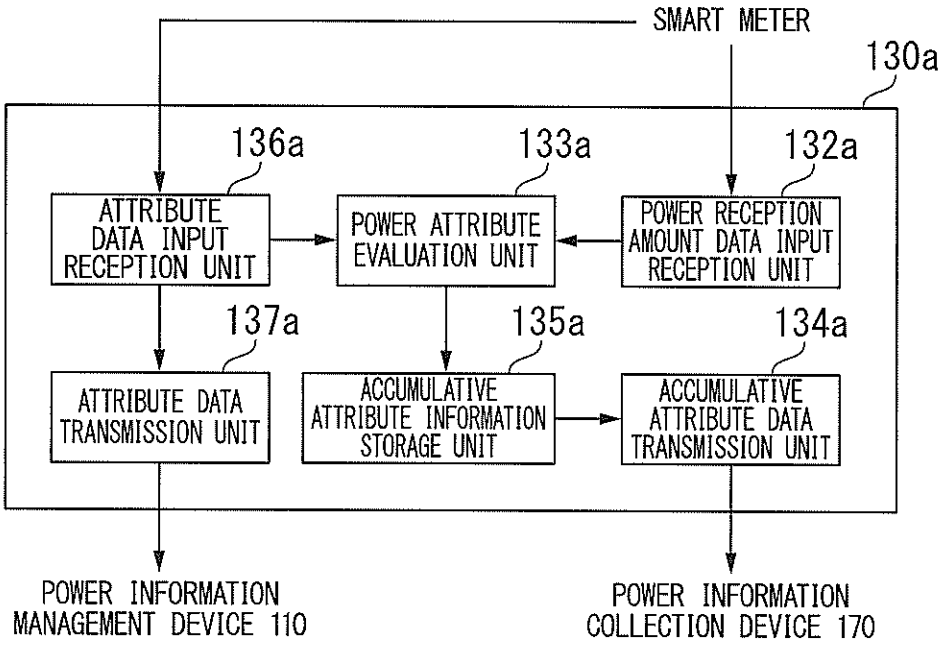


FIG. 5

135

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER RECEPTION AMOUNT (kWh)
POWER COMPANY P	NUCLEAR POWER	2000
POWER COMPANY P	SOLAR POWER	5000
POWER COMPANY P	THERMAL POWER	1000
CHARGING INFRASTRUCTURE Sa	SOLAR POWER	500

FIG. 6

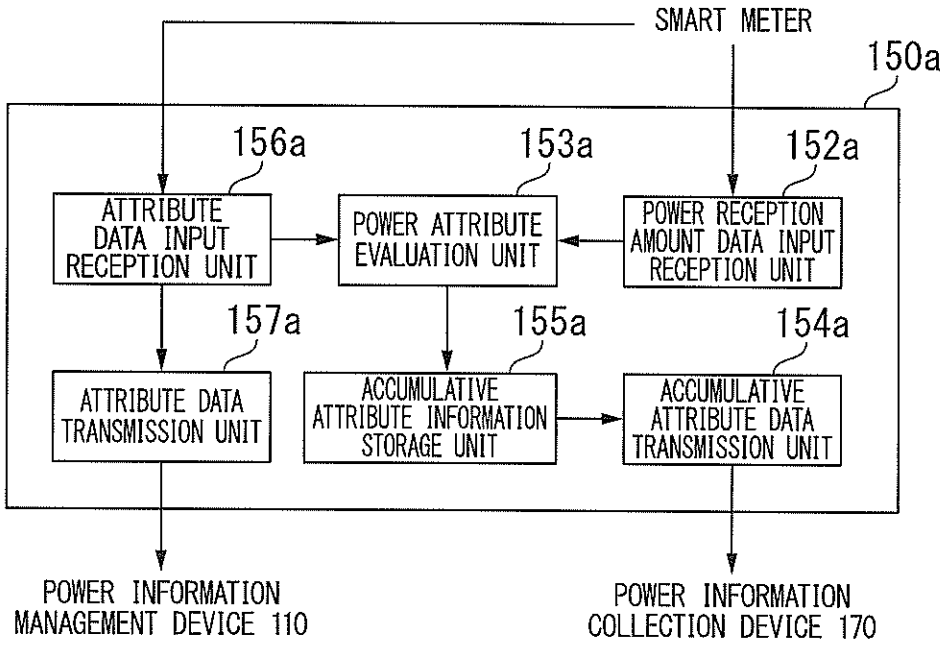


FIG. 7

155

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER RECEPTION AMOUNT (kWh)
POWER COMPANY P	NUCLEAR POWER	300
POWER COMPANY P	SOLAR POWER	100
POWER COMPANY P	THERMAL POWER	0
RESIDENCE Ra	SOLAR POWER	100

FIG. 8

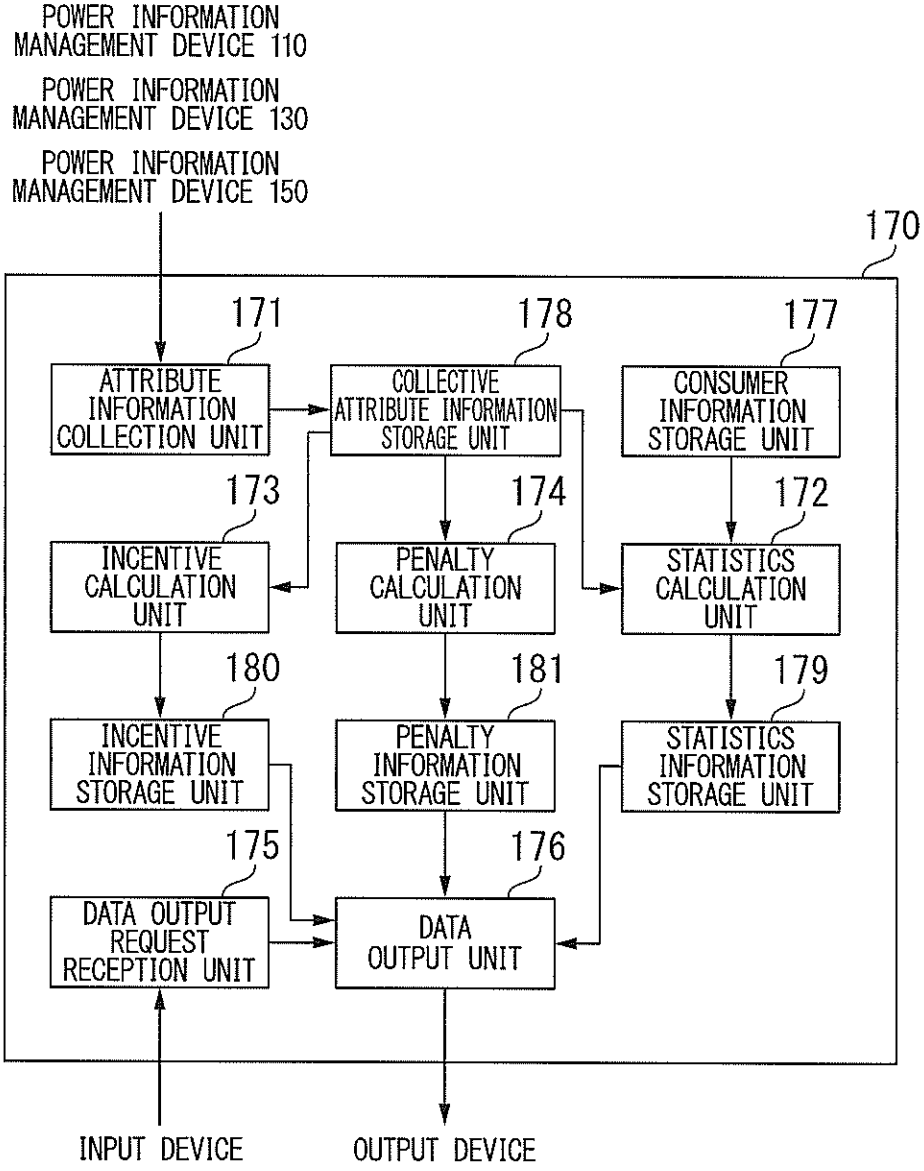


FIG. 9

177

AREA	CONSUMER
MINATO-KU, TOKYO	ELECTRIC CAR Ea
MINATO-KU, TOKYO	ELECTRIC CAR Eb
MINATO-KU, TOKYO	CHARGING INFRASTRUCTURE Sa
⋮	⋮

FIG. 10

178

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER SUPPLY SOURCE	POWER RECEPTION AMOUNT (kWh)	POWER RECEPTION RATE (%)	ECOLOGY INDEX	CARBON INTENSITY
POWER COMPANY P	NUCLEAR POWER	CHARGING INFRASTRUCTURE Sa	100	21.3	300	5000
POWER COMPANY P	SOLAR POWER	CHARGING INFRASTRUCTURE Sa	210	44.7	1050	1050
POWER COMPANY P	THERMAL POWER	CHARGING INFRASTRUCTURE Sa	50	10.6	50	40000
POWER COMPANY P	NUCLEAR POWER	CHARGING INFRASTRUCTURE Sb	20	4.3	60	1000
POWER COMPANY P	SOLAR POWER	CHARGING INFRASTRUCTURE Sb	20	4.3	100	100
POWER COMPANY P	THERMAL POWER	CHARGING INFRASTRUCTURE Sb	20	4.3	20	16000
CHARGING INFRASTRUCTURE Sa	SOLAR POWER	CHARGING INFRASTRUCTURE Sa	50	10.6	250	250

FIG. 11

178

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER RECEPTION AMOUNT (kWh)	POWER RECEPTION RATE (%)	ECOLOGY INDEX	CARBON INTENSITY
POWER COMPANY P	NUCLEAR POWER	2000	23.5	6000	100000
POWER COMPANY P	SOLAR POWER	5000	58.8	25000	25000
POWER COMPANY P	THERMAL POWER	1000	11.8	1000	800000
CHARGING INFRASTRUCTURE Sa	SOLAR POWER	500	5.9	2500	2500

FIG. 12

178

POWER GENERATION SOURCE	POWER GENERATION METHOD	POWER RECEPTION AMOUNT (kWh)	POWER RECEPTION RATE (%)	ECOLOGY INDEX	CARBON INTENSITY
POWER COMPANY P	NUCLEAR POWER	300	60	900	15000
POWER COMPANY P	SOLAR POWER	100	20	500	500
POWER COMPANY P	THERMAL POWER	0	0	0	0
RESIDENCE Ra	SOLAR POWER	100	20	500	500

FIG. 13

179

AREA	ECOLOGY CONTRIBUTION RATE
MINATO-KU, TOKYO	5.17
SHIBUYA-KU, TOKYO	2.5
CHUO-KU, TOKYO	3.57
⋮	⋮

FIG. 14

180

CONSUMER	POINT (point)
ELECTRIC CAR Ea	1510
ELECTRIC CAR Eb	530
ELECTRIC CAR Ec	520
⋮	⋮

FIG. 15

181

CONSUMER	TAX (yen)
ELECTRIC CAR Ea	1349
ELECTRIC CAR Eb	473
ELECTRIC CAR Ec	50
⋮	⋮

FIG. 16

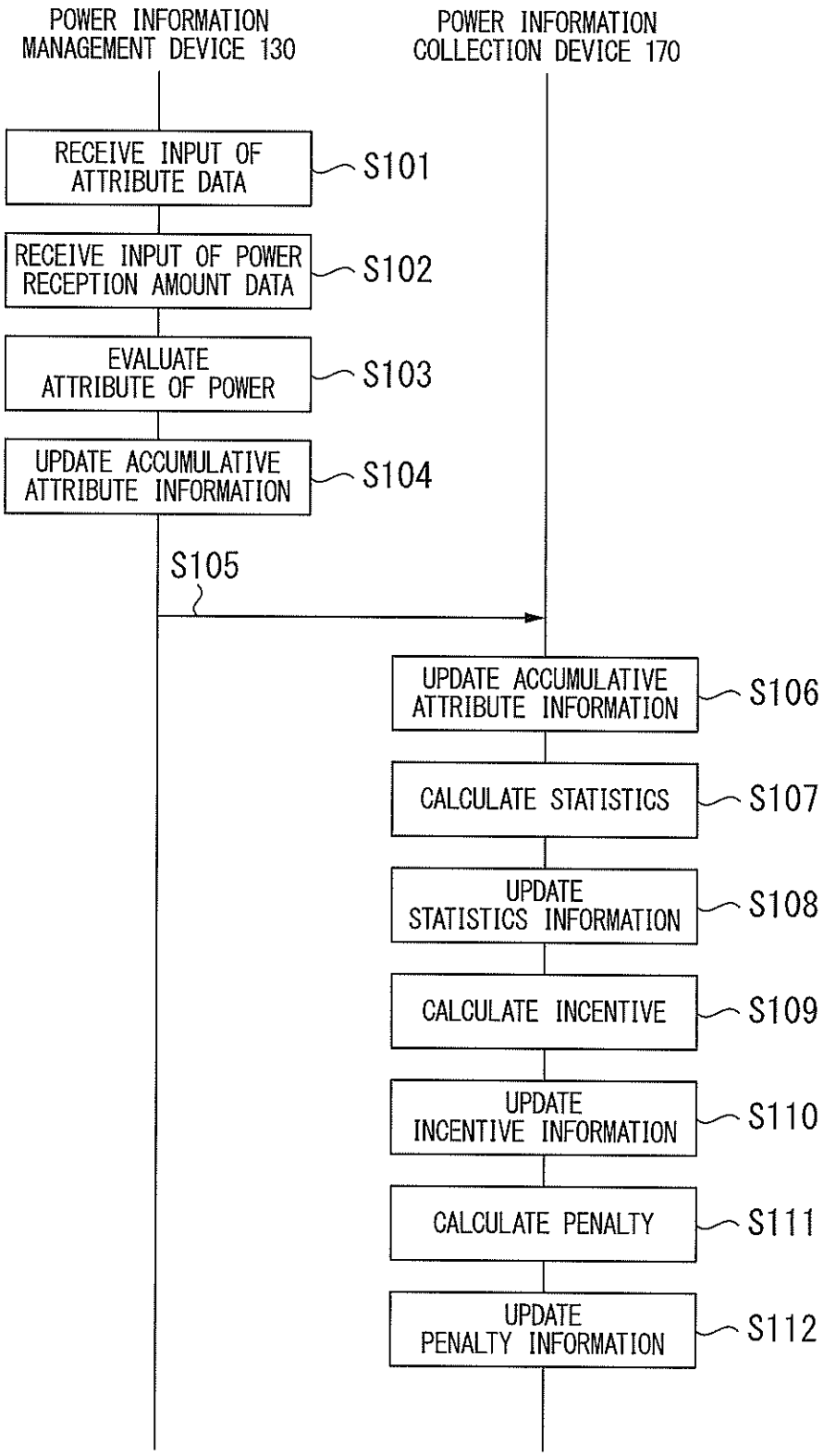

POWER INFORMATION MANAGEMENT DEVICE 130
POWER INFORMATION COLLECTION DEVICE 170
RECEIVE INPUT OF ATTRIBUTE DATA
S101
RECEIVE INPUT OF POWER RECEPTION AMOUNT DATA
S102
EVALUATE ATTRIBUTE OF POWER
S103
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S104
S105
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S106
CALCULATE STATISTICS
S107
UPDATE STATISTICS INFORMATION
S108
CALCULATE INCENTIVE
S109
UPDATE INCENTIVE INFORMATION
S110
CALCULATE PENALTY
S111
UPDATE PENALTY INFORMATION
S112

FIG. 17

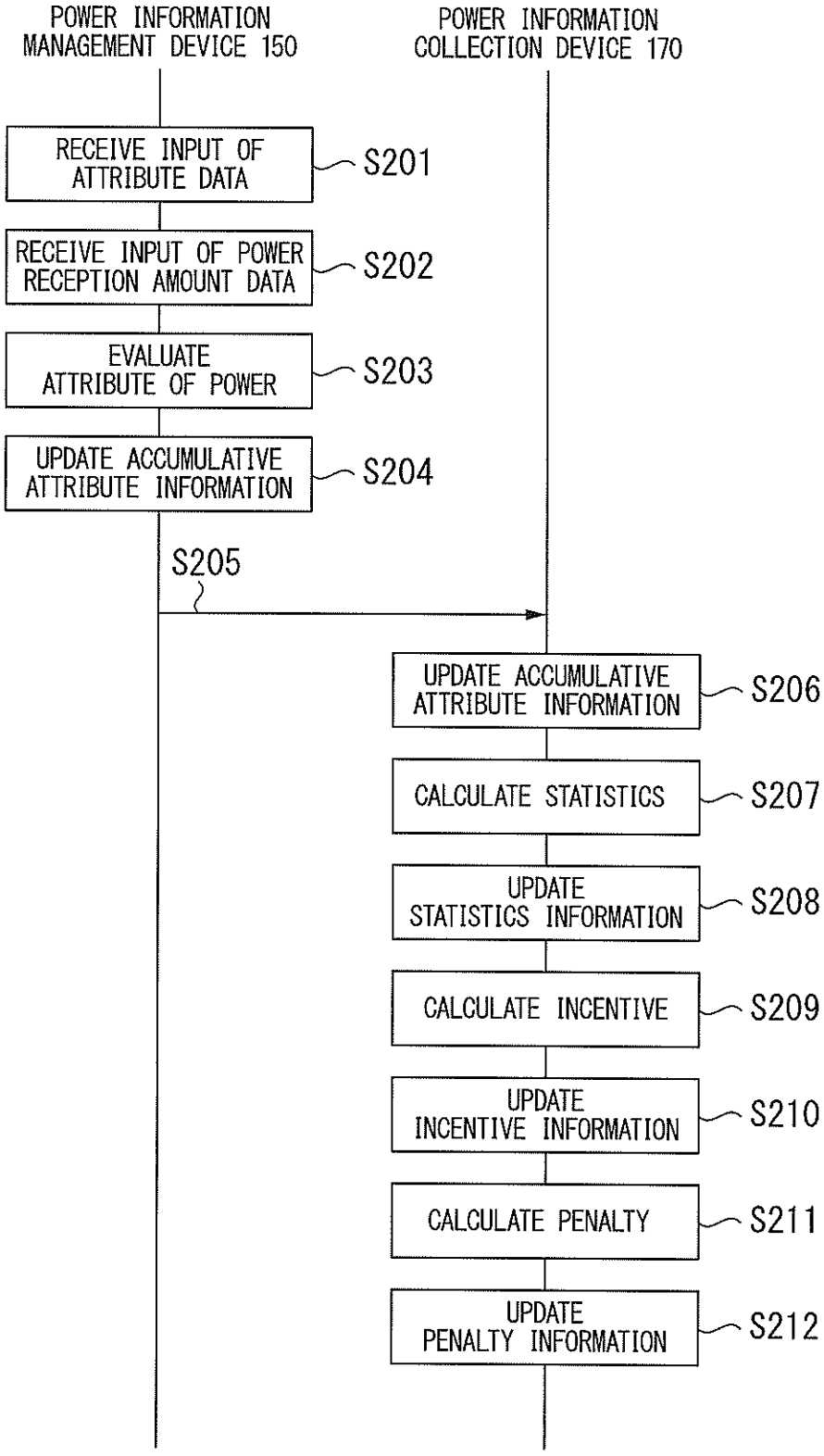

POWER INFORMATION MANAGEMENT DEVICE 150
POWER INFORMATION COLLECTION DEVICE 170
RECEIVE INPUT OF ATTRIBUTE DATA
S201
RECEIVE INPUT OF POWER RECEPTION AMOUNT DATA
S202
EVALUATE ATTRIBUTE OF POWER
S203
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S204
S205
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S206
CALCULATE STATISTICS
S207
UPDATE STATISTICS INFORMATION
S208
CALCULATE INCENTIVE
S209
UPDATE INCENTIVE INFORMATION
S210
CALCULATE PENALTY
S211
UPDATE PENALTY INFORMATION
S212

FIG. 18

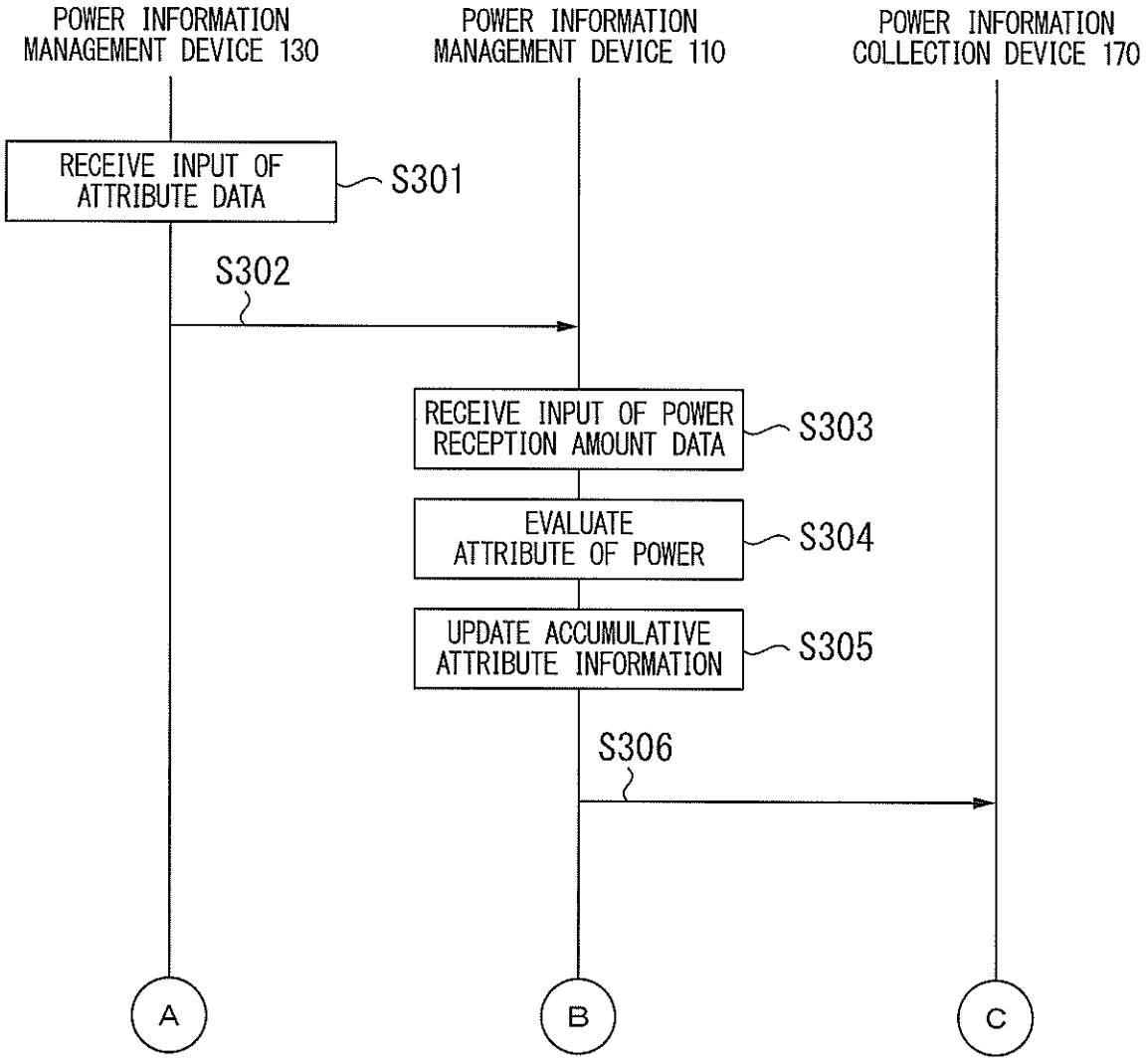

POWER INFORMATION MANAGEMENT DEVICE 130
POWER INFORMATION MANAGEMENT DEVICE 110
POWER INFORMATION COLLECTION DEVICE 170
RECEIVE INPUT OF ATTRIBUTE DATA
S301
S302
RECEIVE INPUT OF POWER RECEPTION AMOUNT DATA
S303
EVALUATE ATTRIBUTE OF POWER
S304
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S305
S306
A
B
C

FIG. 19

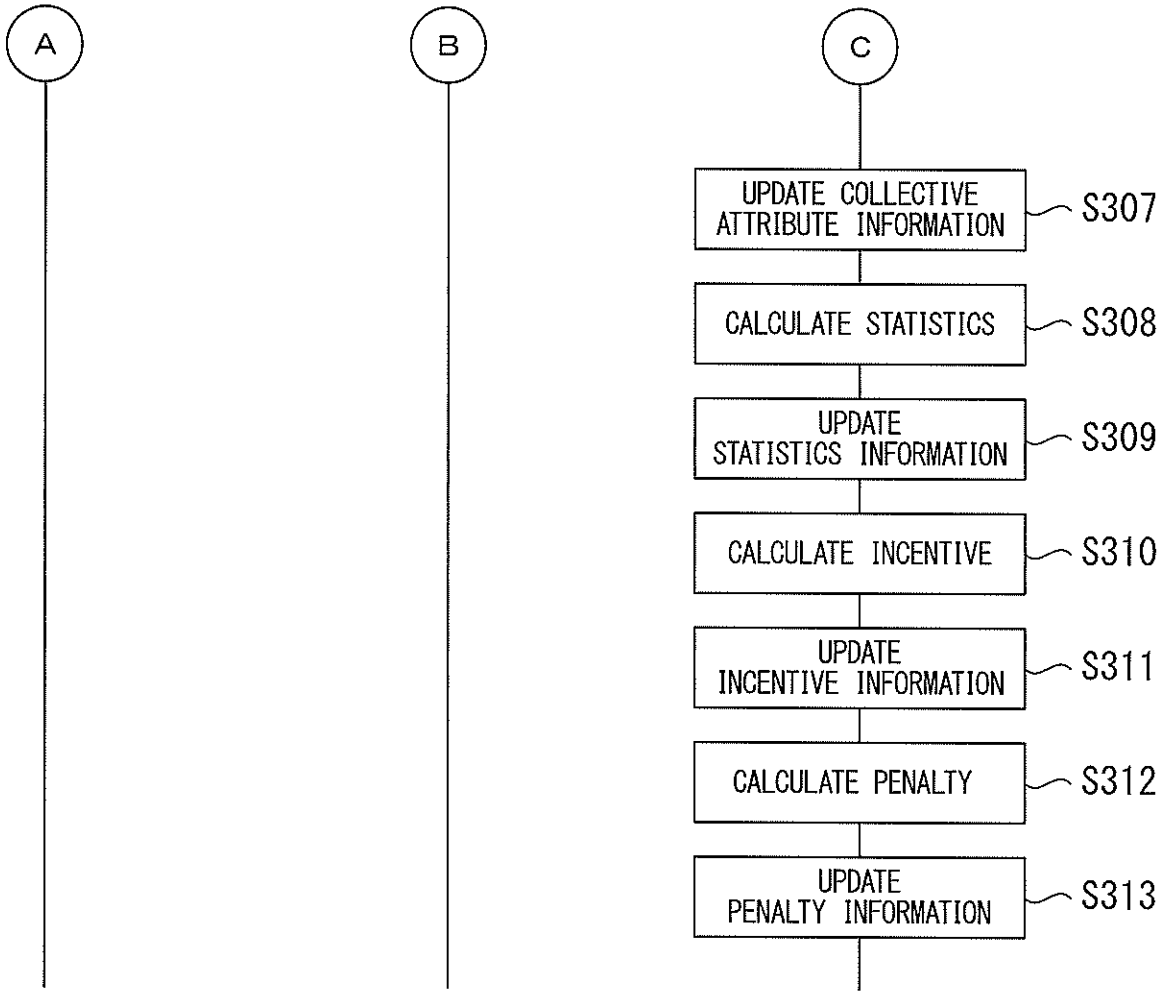

A
B
C
UPDATE COLLECTIVE ATTRIBUTE INFORMATION
S307
CALCULATE STATISTICS
S308
UPDATE STATISTICS INFORMATION
S309
CALCULATE INCENTIVE
S310
UPDATE INCENTIVE INFORMATION
S311
CALCULATE PENALTY
S312
UPDATE PENALTY INFORMATION
S313

FIG. 20

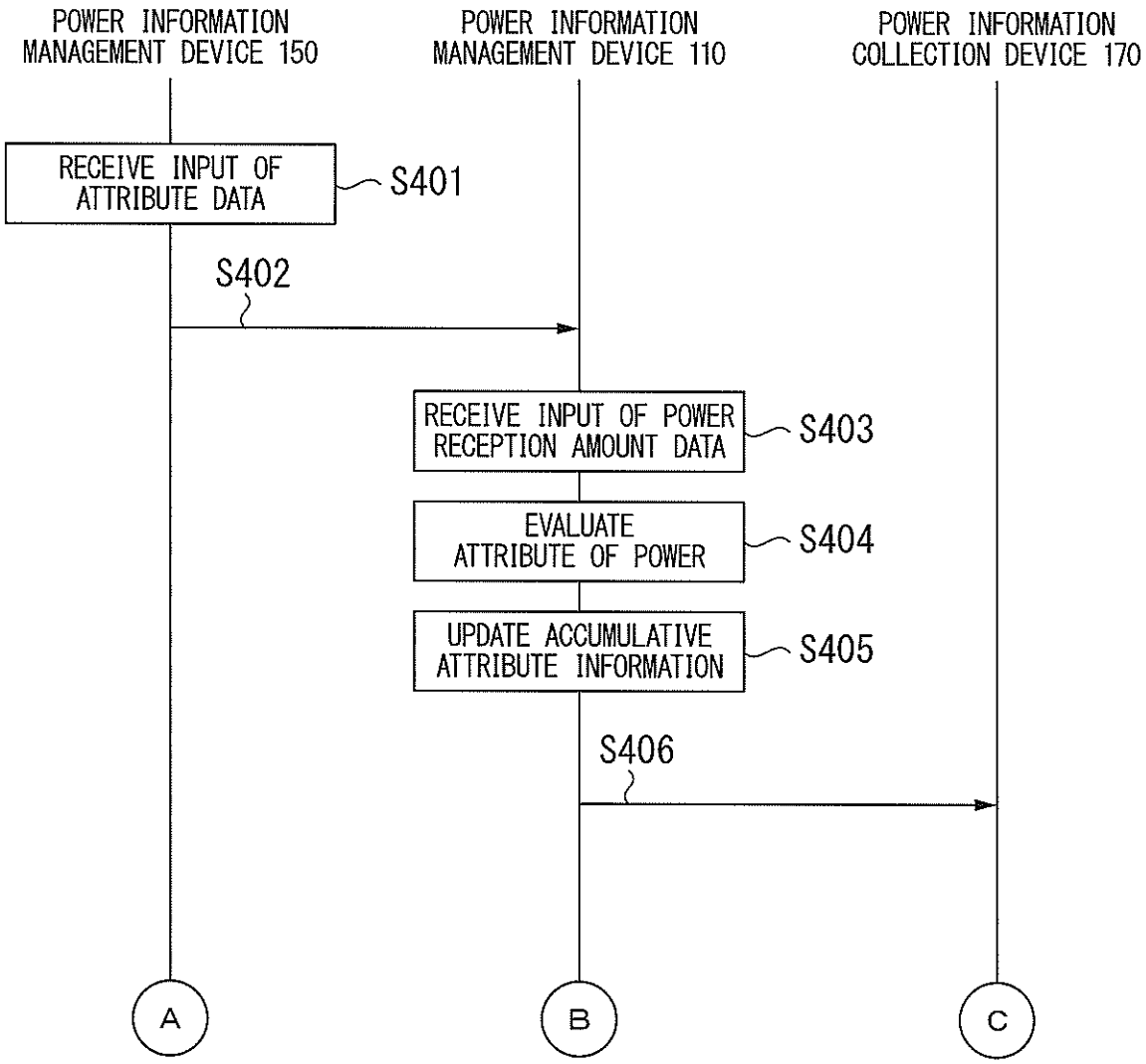

POWER INFORMATION MANAGEMENT DEVICE 150
POWER INFORMATION MANAGEMENT DEVICE 110
POWER INFORMATION COLLECTION DEVICE 170
RECEIVE INPUT OF ATTRIBUTE DATA
S401
S402
RECEIVE INPUT OF POWER RECEPTION AMOUNT DATA
S403
EVALUATE ATTRIBUTE OF POWER
S404
UPDATE ACCUMULATIVE ATTRIBUTE INFORMATION
S405
S406
A
B
C

FIG. 21

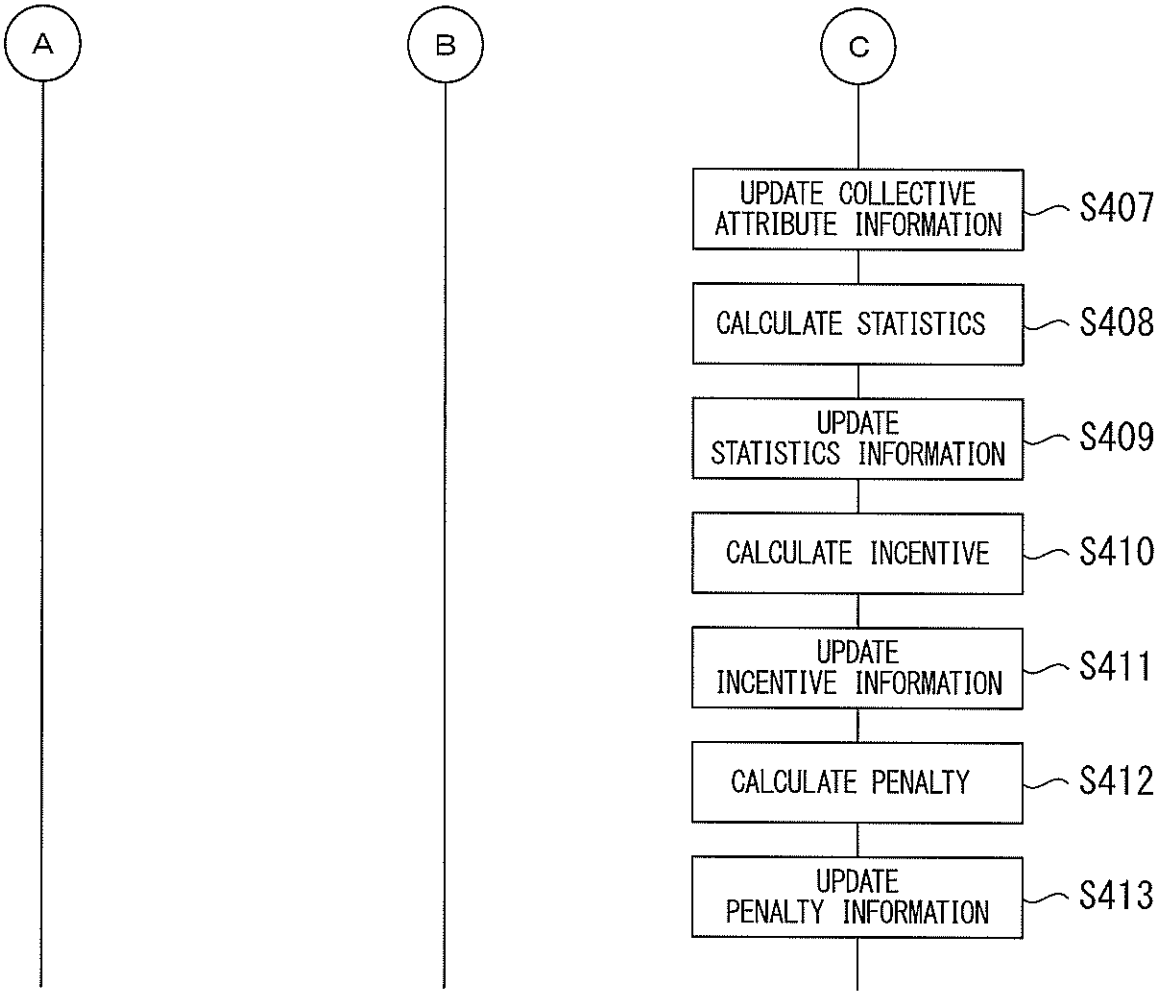
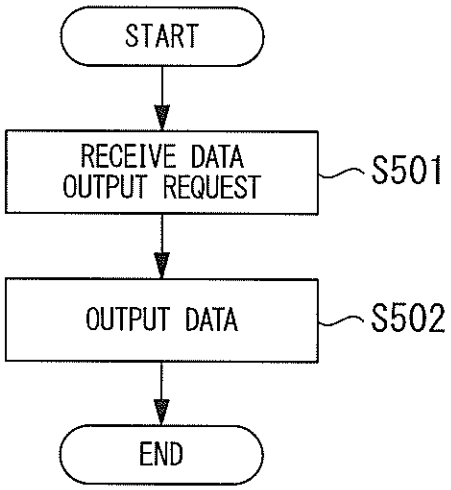

A
B
C
UPDATE COLLECTIVE ATTRIBUTE INFORMATION
S407
CALCULATE STATISTICS
S408
UPDATE STATISTICS INFORMATION
S409
CALCULATE INCENTIVE
S410
UPDATE INCENTIVE INFORMATION
S411
CALCULATE PENALTY
S412
UPDATE PENALTY INFORMATION
S413

FIG. 22


START
RECEIVE DATA OUTPUT REQUEST
S501
OUTPUT DATA
S502
END