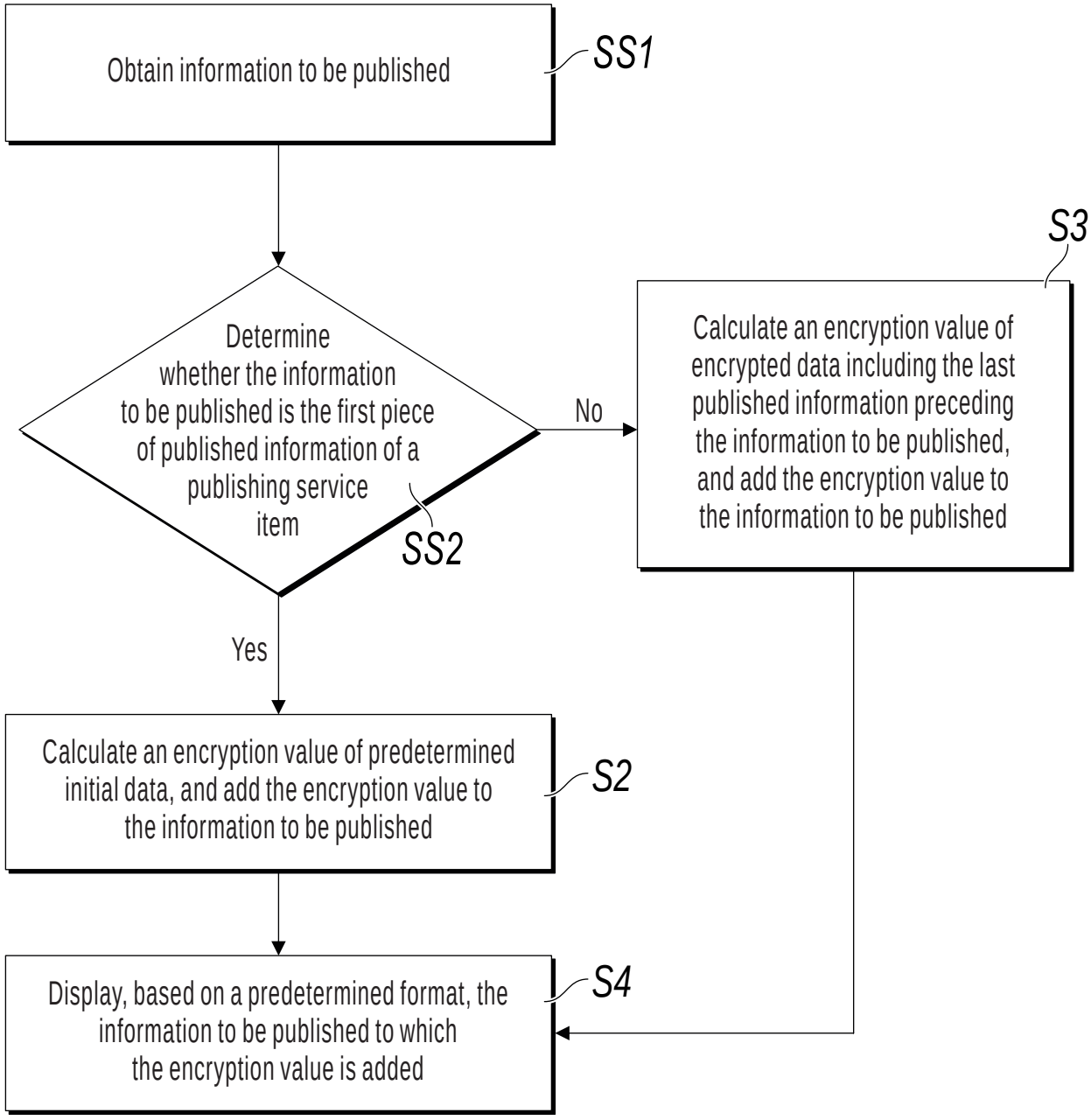
Obtain information to be published
SS1
Determine whether the information to be published is the first piece of published information of a publishing service item
SS2
No
S3
Calculate an encryption value of encrypted data including the last published information preceding the information to be published, and add the encryption value to the information to be published
Yes
Calculate an encryption value of predetermined initial data, and add the encryption value to the information to be published
S2
Display, based on a predetermined format, the information to be published to which the encryption value is added
S4

FIG. 1

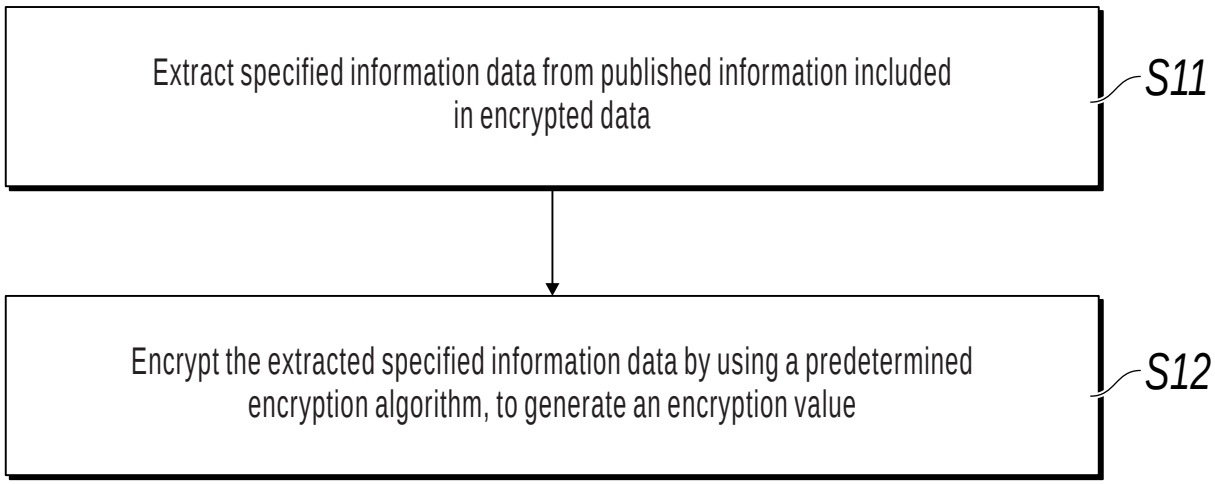
Extract specified information data from published information included in encrypted data
S11
Encrypt the extracted specified information data by using a predetermined encryption algorithm, to generate an encryption value
S12

FIG. 2

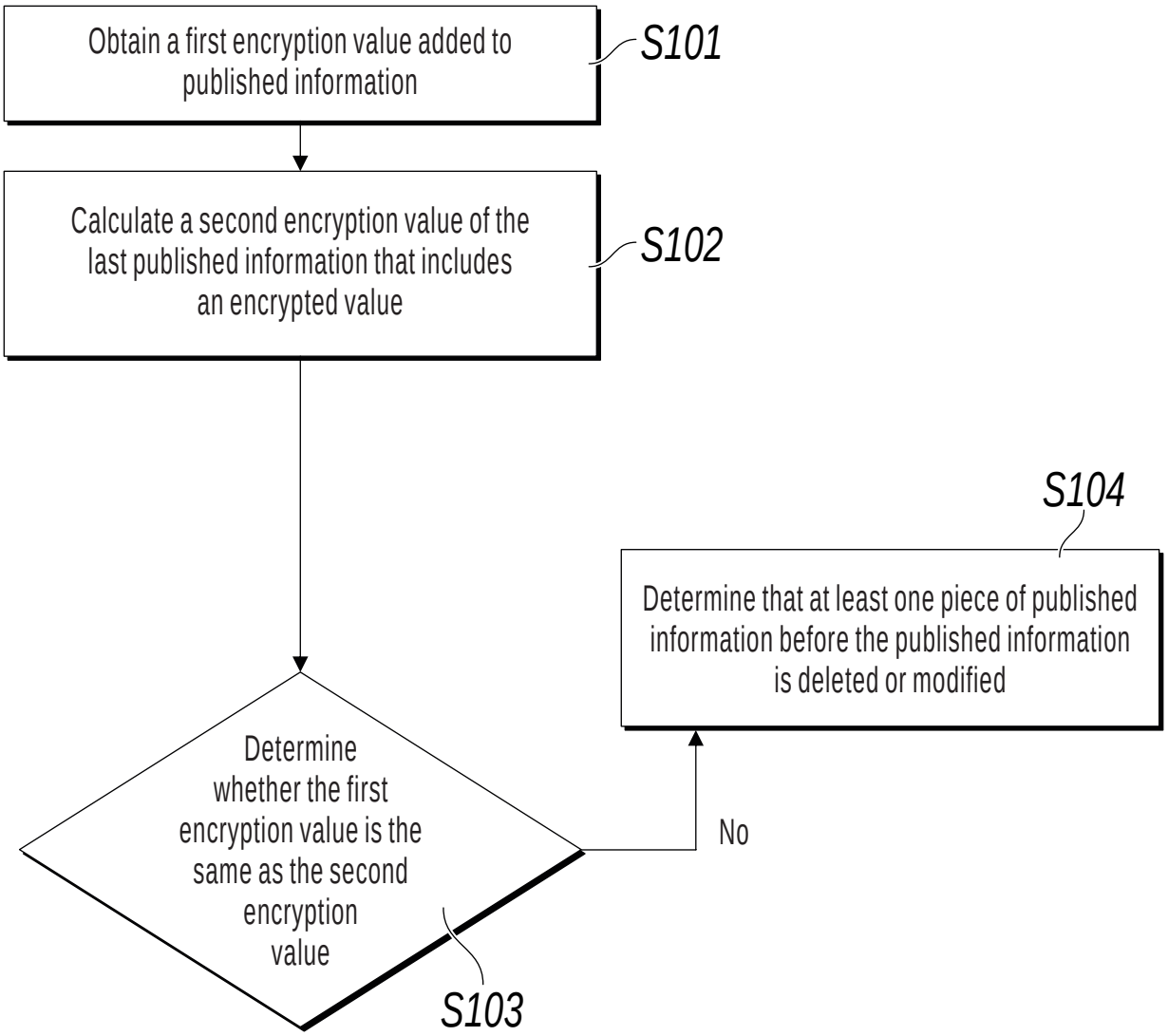
Obtain a first encryption value added to published information
S101
Calculate a second encryption value of the last published information that includes an encrypted value
S102
S104
Determine that at least one piece of published information before the published information is deleted or modified
Determine whether the first encryption value is the same as the second encryption value
No
S103

FIG. 3

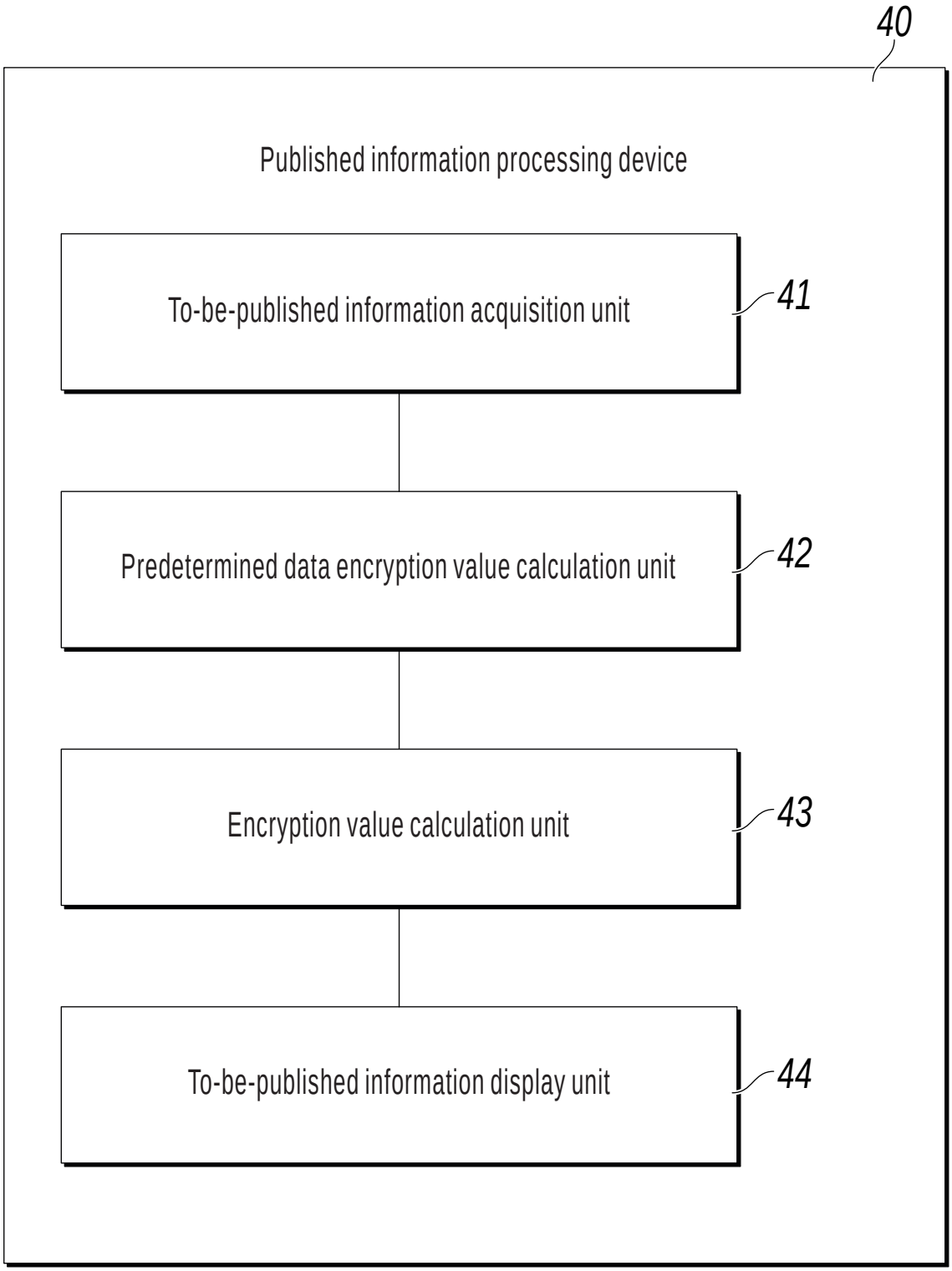
40
Published information processing device
To-be-published information acquisition unit
41
Predetermined data encryption value calculation unit
42
Encryption value calculation unit
43
To-be-published information display unit
44

FIG. 4

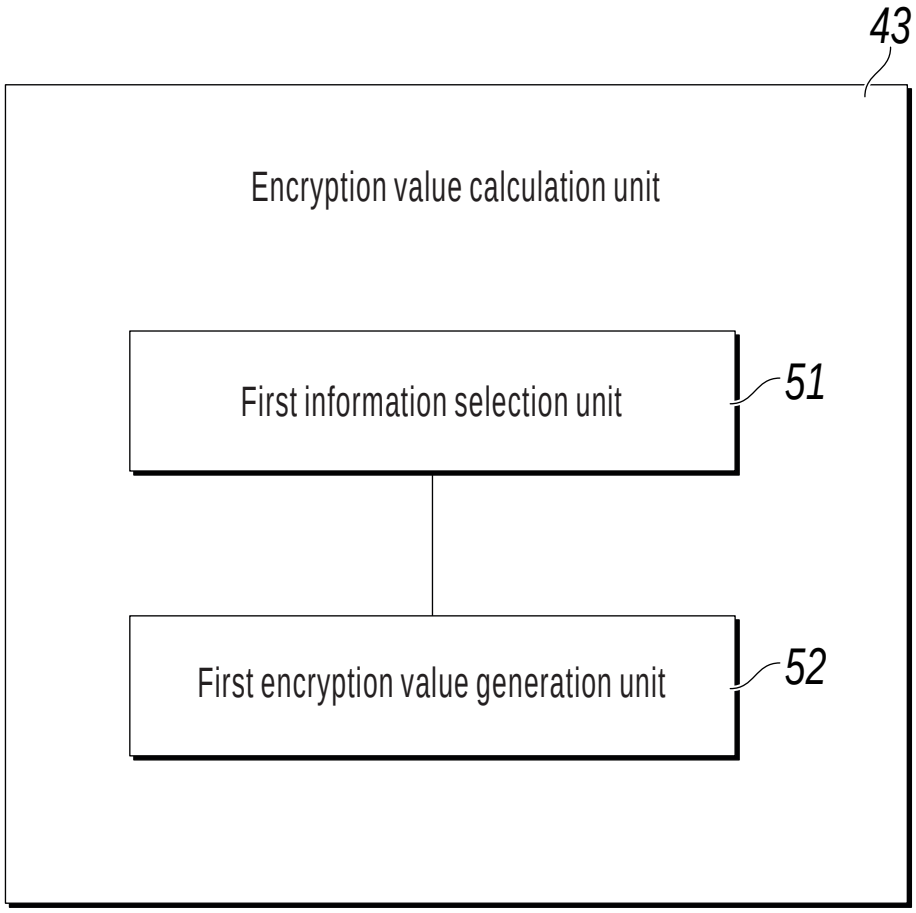
43
Encryption value calculation unit
First information selection unit
51
First encryption value generation unit
52

FIG. 5

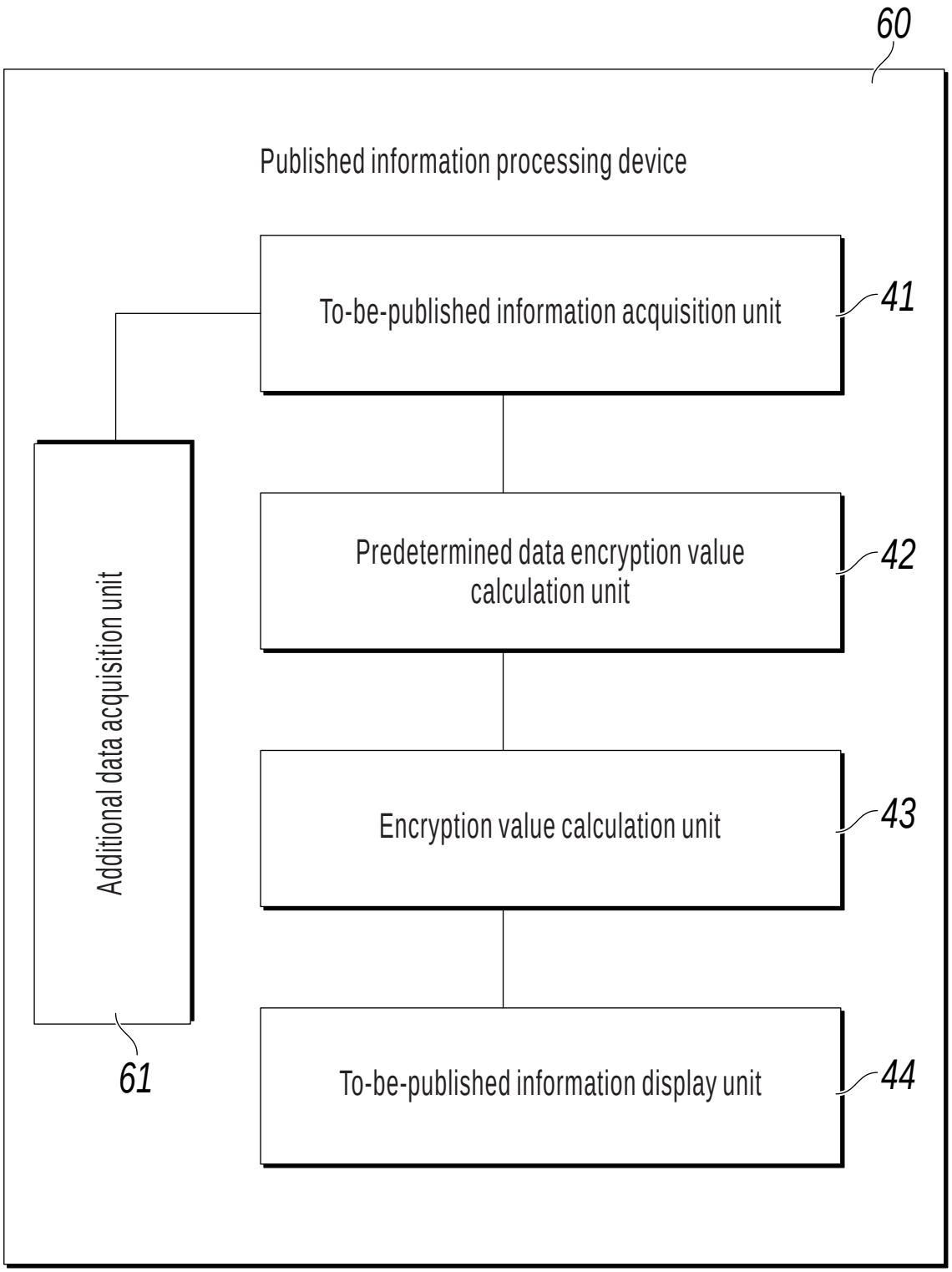
60
Published information processing device
To-be-published information acquisition unit
41
Predetermined data encryption value calculation unit
42
Encryption value calculation unit
43
To-be-published information display unit
44
Additional data acquisition unit
61

FIG. 6

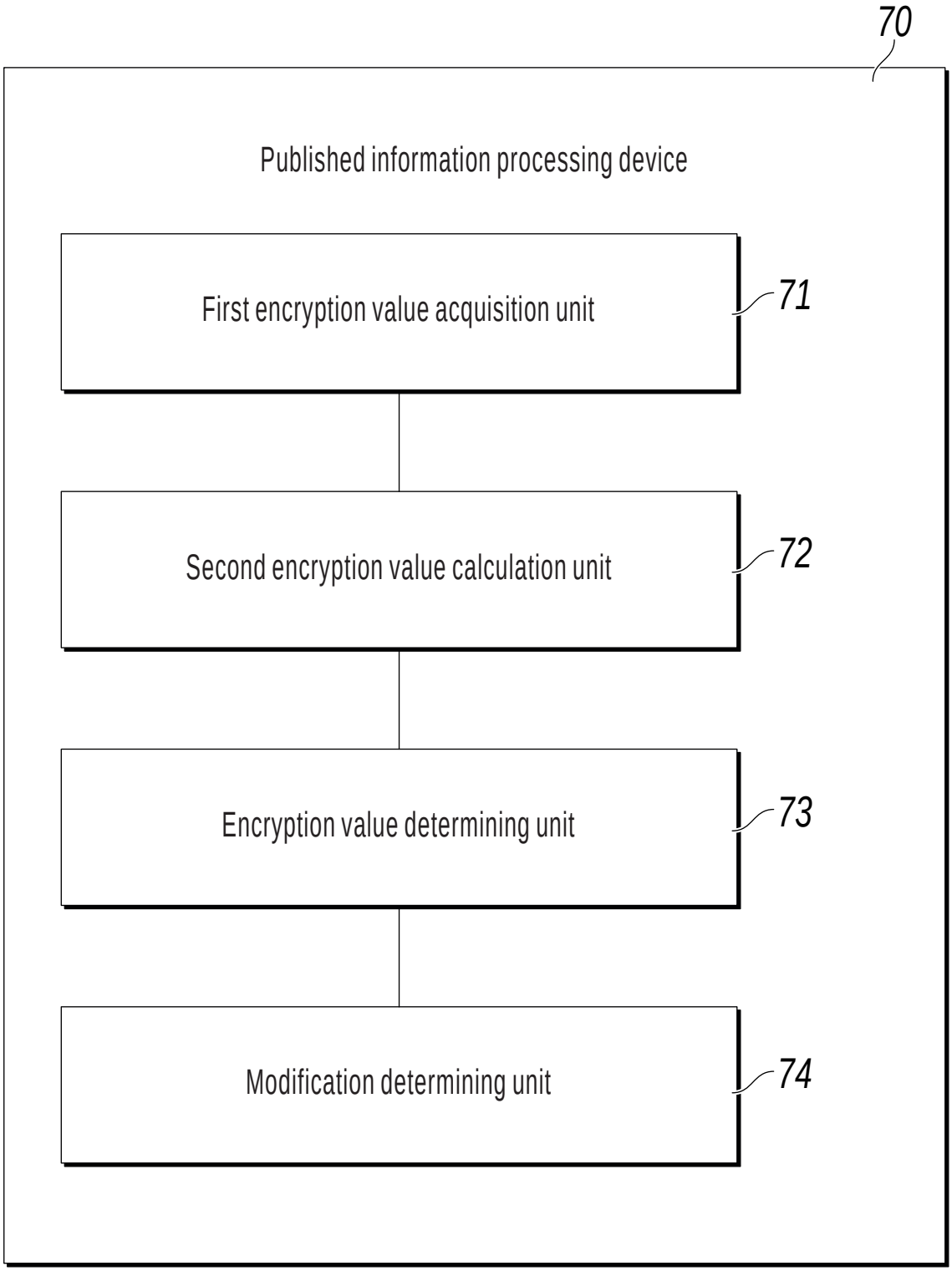
70
Published information processing device
First encryption value acquisition unit
71
Second encryption value calculation unit
72
Encryption value determining unit
73
Modification determining unit
74

FIG. 7