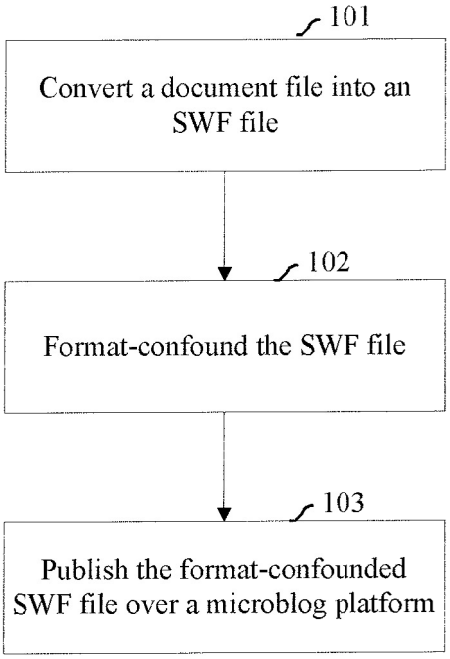
101
Convert a document file into an SWF file
102
Format-confound the SWF file
103
Publish the format-confounded SWF file over a microblog platform

Fig. 1

Microblog ID
Attach_type:
Attach_id
Document ID
File_Path

Fig. 2

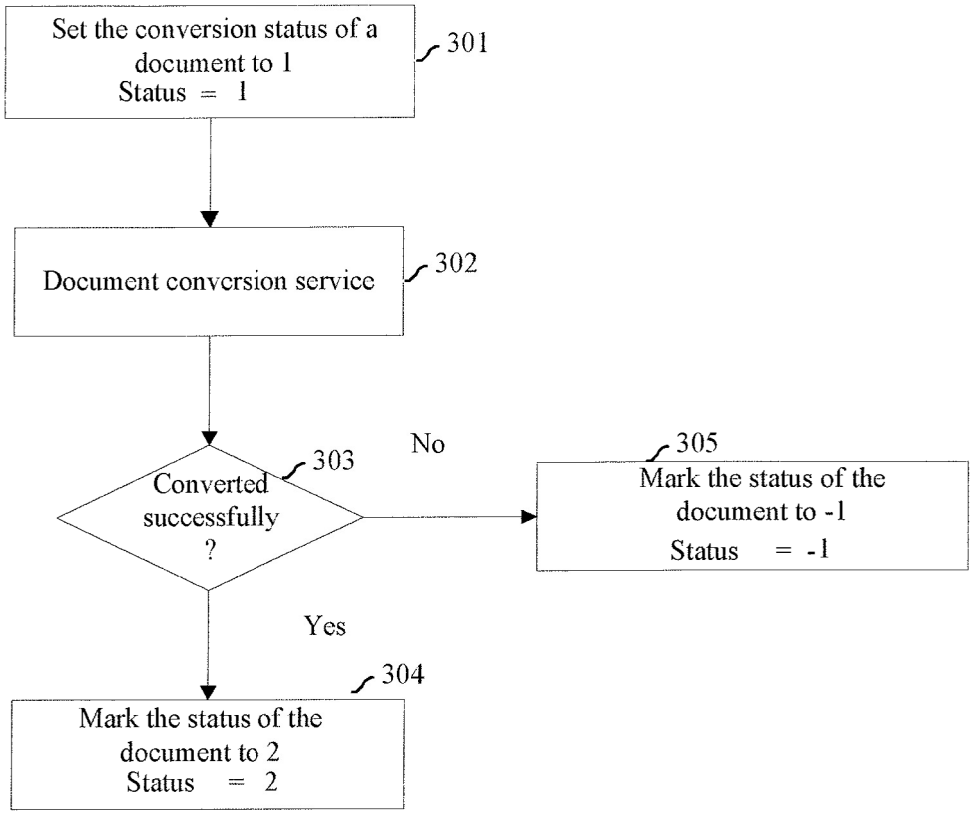
Set the conversion status of a document to 1
Status = 1
301
Document conversion service
302
Converted successfully ?
303
No
Mark the status of the document to -1
Status = -1
305
Yes
Mark the status of the document to 2
Status = 2
304

Fig. 3

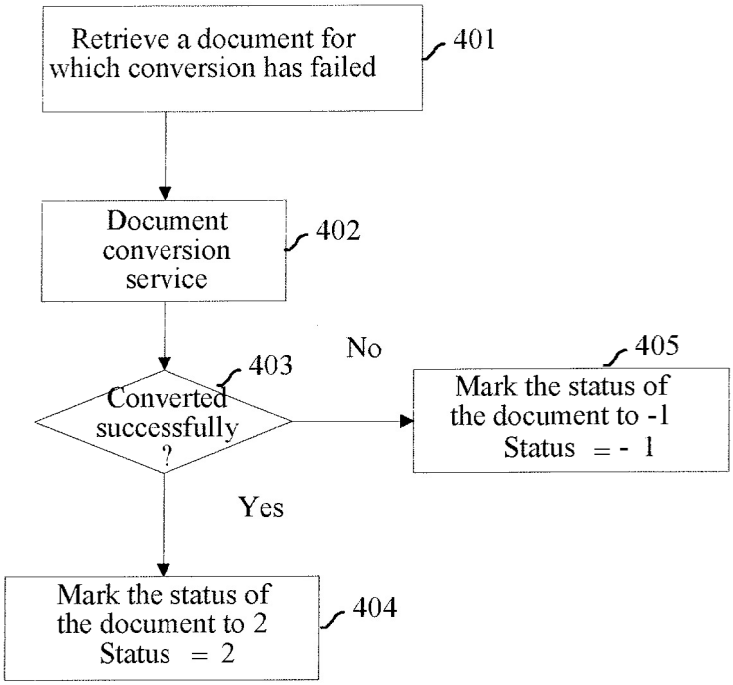
Retrieve a document for which conversion has failed
401
Document conversion service
402
403
Converted successfully ?
No
405
Mark the status of the document to -1
Status = - 1
Yes
Mark the status of the document to 2
Status = 2
404

Fig. 4

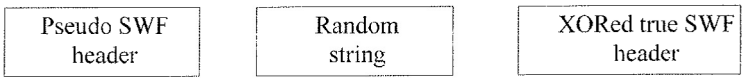
Pseudo SWF header
Random string
XORed true SWF header

Fig. 5

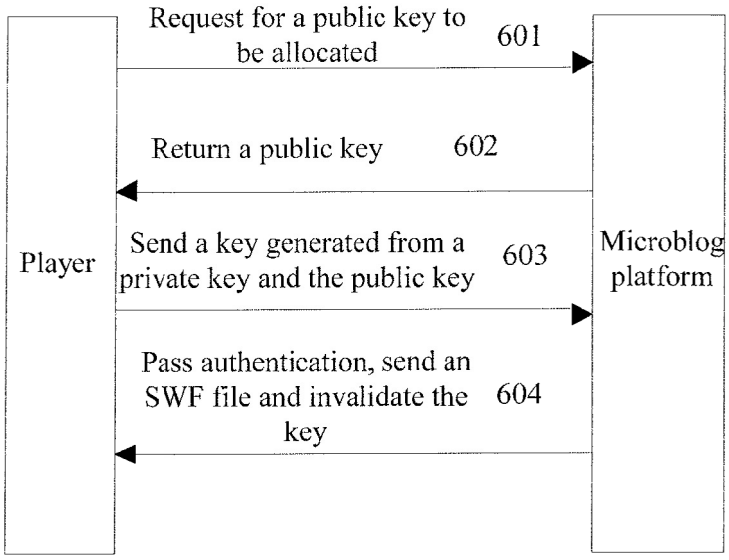
Request for a public key to be allocated
601
Return a public key
602
Player
Send a key generated from a private key and the public key
603
Microblog platform
Pass authentication, send an SWF file and invalidate the key
604

Fig. 6

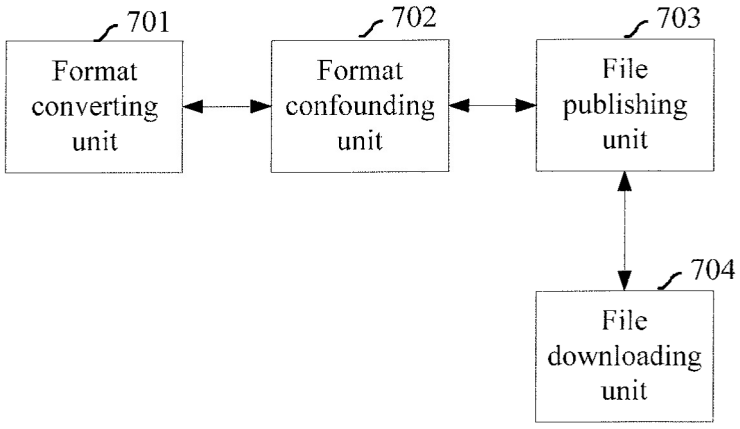
701
Format converting unit
702
Format confounding unit
703
File publishing unit
704
File downloading unit

Fig. 7