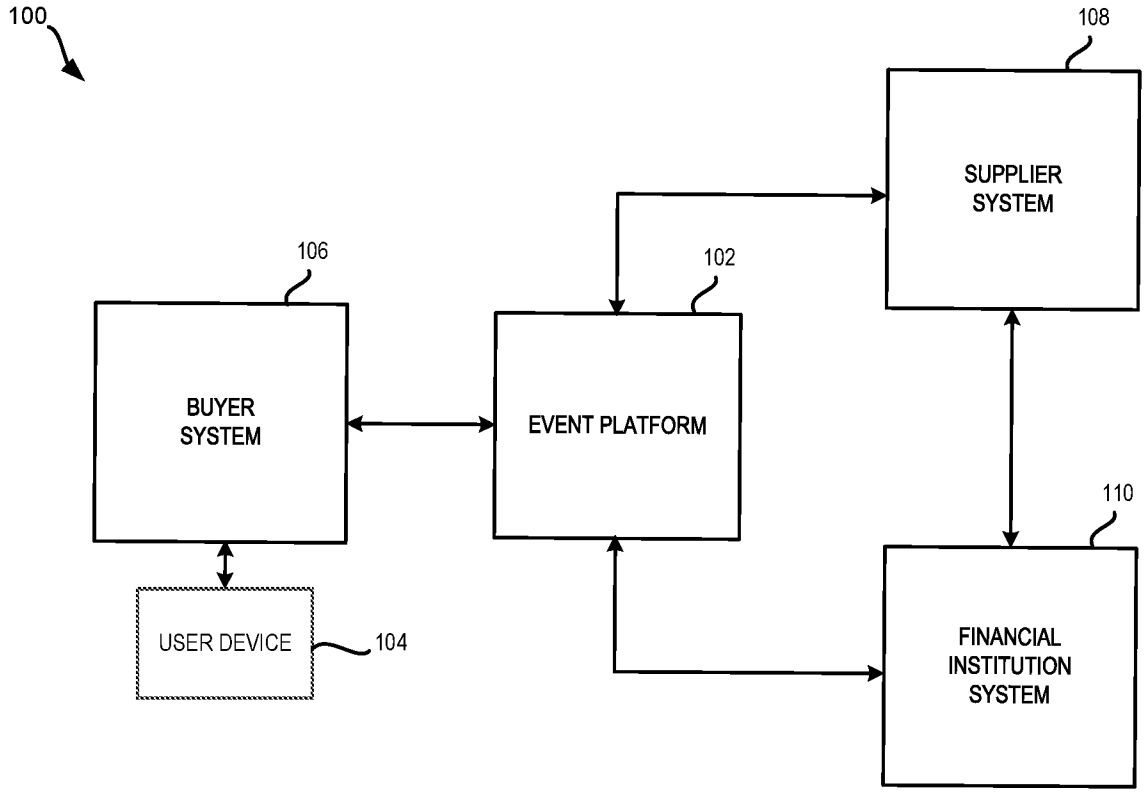
100
108
SUPPLIER SYSTEM
106
102
BUYER SYSTEM
EVENT PLATFORM
110
USER DEVICE
104
FINANCIAL INSTITUTION SYSTEM

FIG. 1

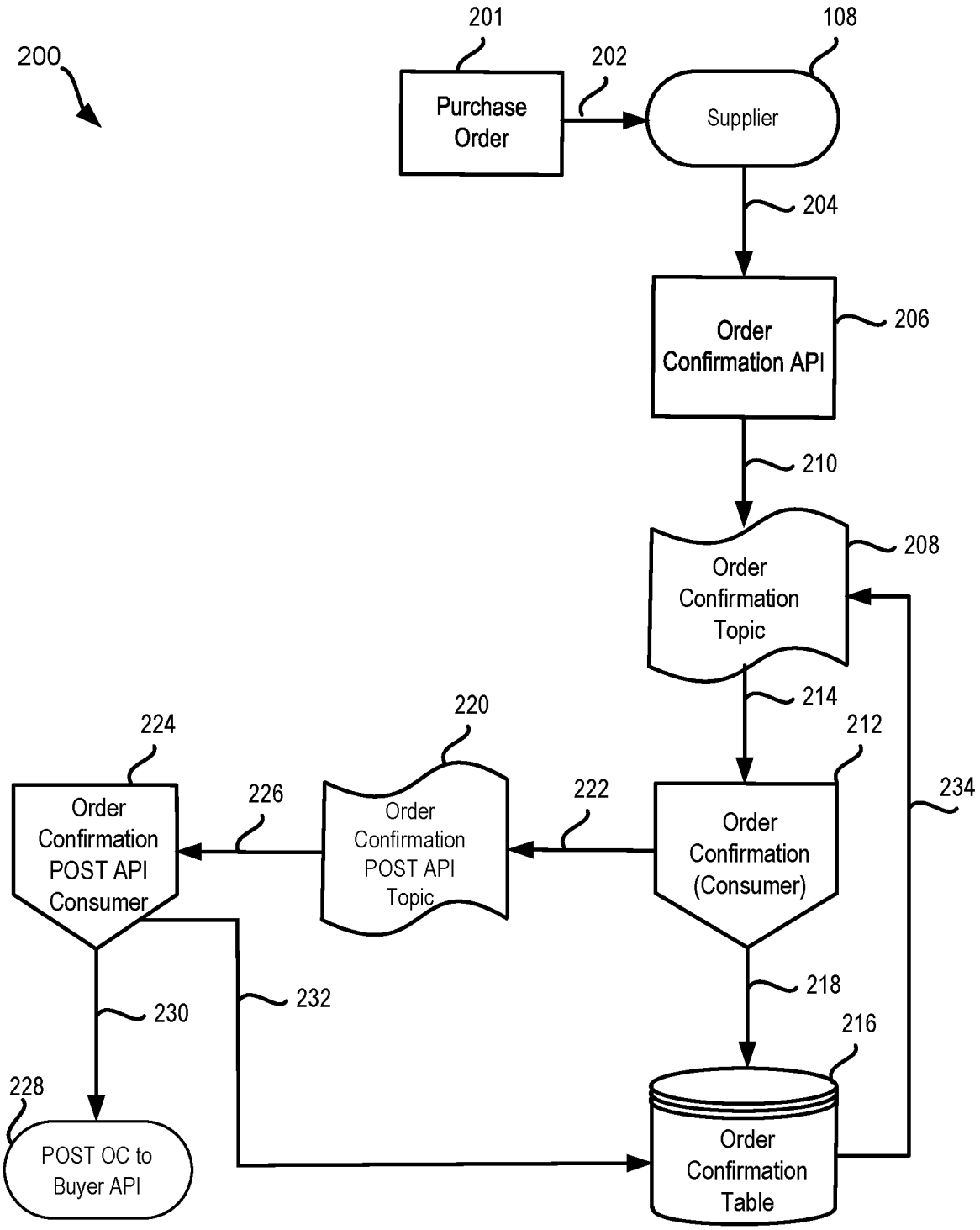
200
201
Purchase Order
202
108
Supplier
204
Order Confirmation API
206
210
Order Confirmation Topic
208
214
212
234
220
224
Order Confirmation POST API Consumer
226
Order Confirmation POST API Topic
222
Order Confirmation (Consumer)
218
216
230
232
228
POST OC to Buyer API
Order Confirmation Table

FIG. 2

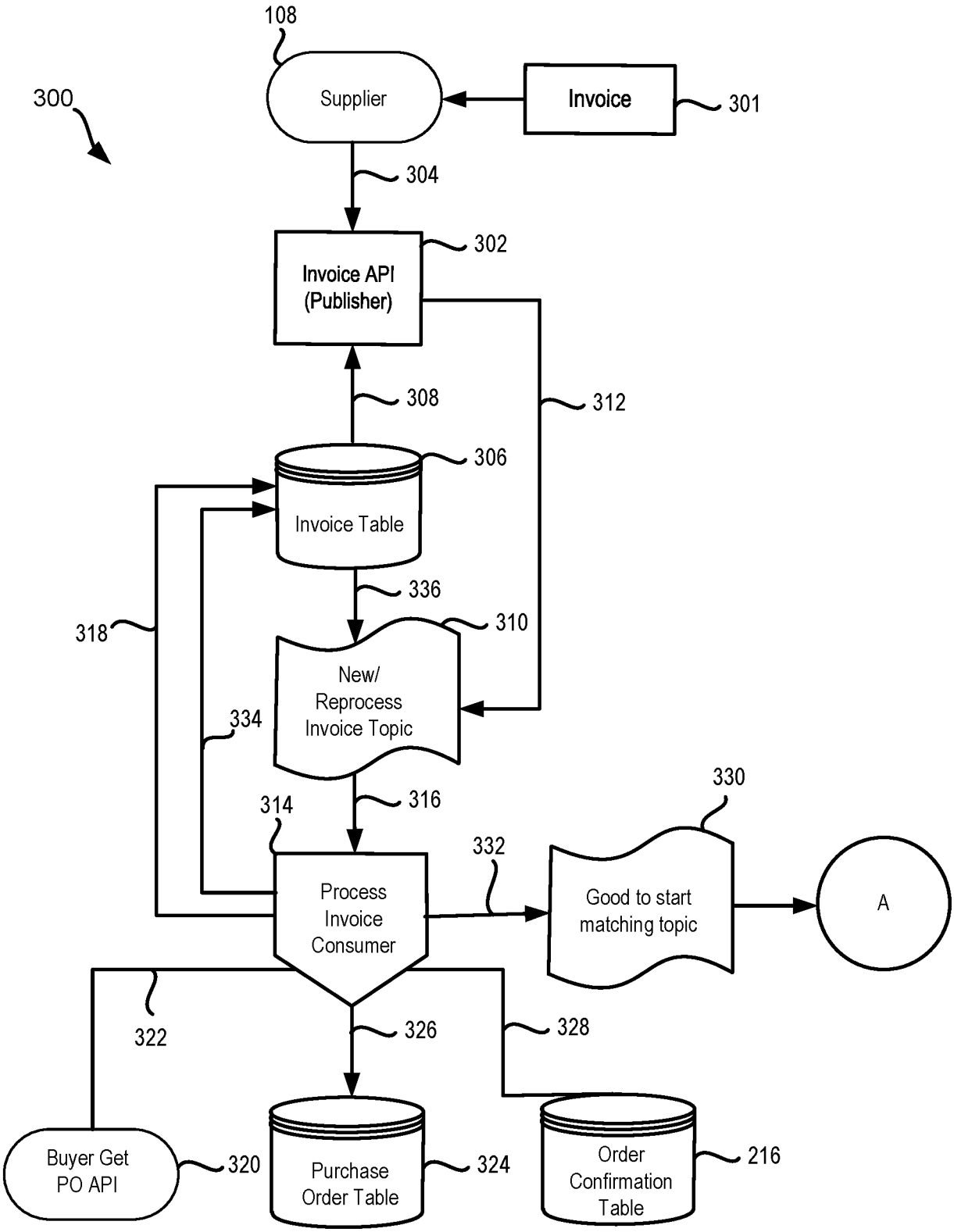
300
108
Supplier
Invoice
301
304
302
Invoice API
(Publisher)
308
312
306
Invoice Table
336
318
310
New/
Reprocess
Invoice Topic
334
314
316
330
332
Process
Invoice
Consumer
Good to start
matching topic
A
322
326
328
Buyer Get
PO API
320
Purchase
Order Table
324
Order
Confirmation
Table
216

FIG. 3

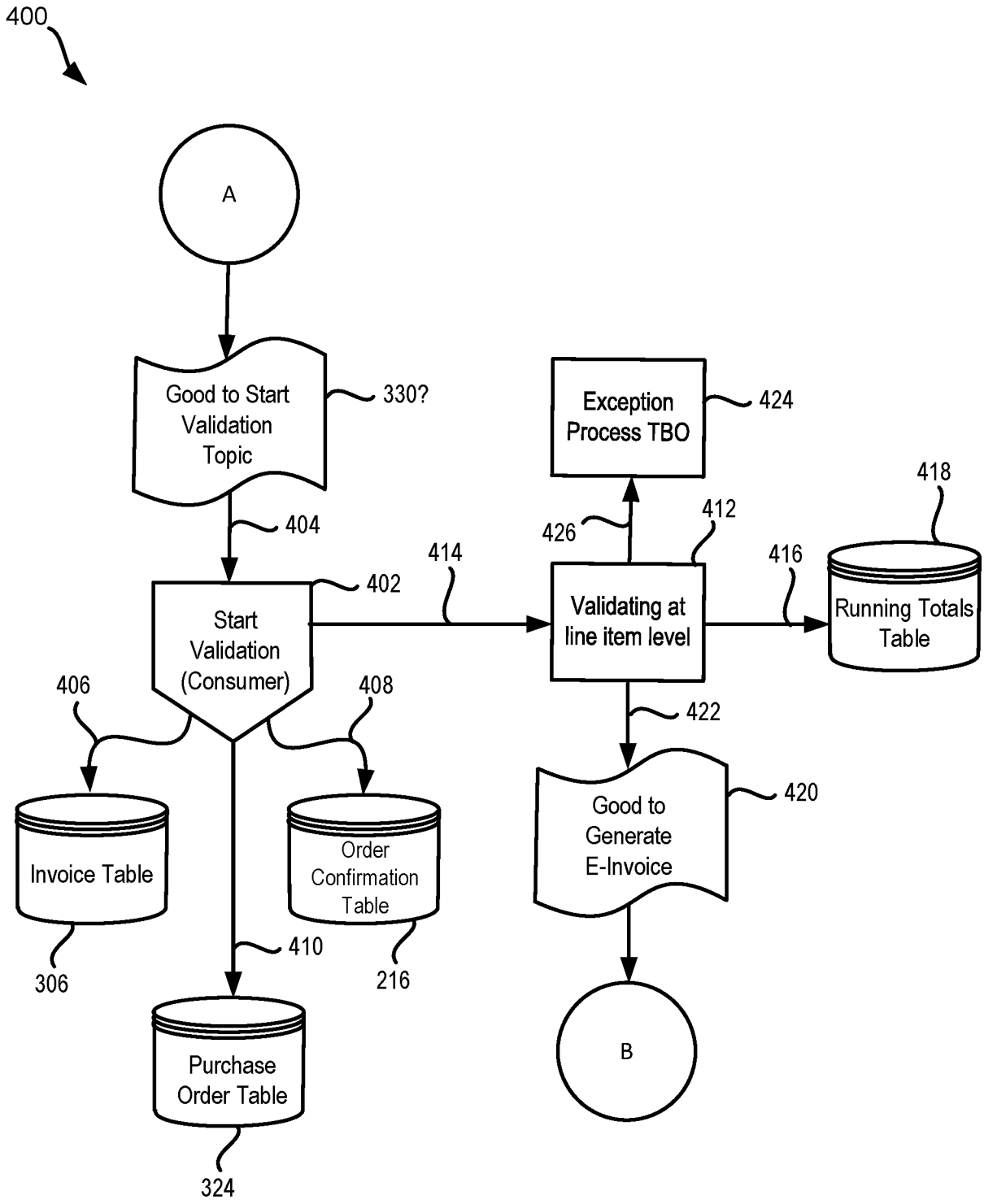
400
A
Good to Start Validation Topic
330?
404
Start Validation (Consumer)
402
406
408
414
Validating at line item level
426
412
Exception Process TBO
424
416
418
Running Totals Table
422
Good to Generate E-Invoice
420
Invoice Table
306
Order Confirmation Table
216
410
Purchase Order Table
324
B

FIG. 4

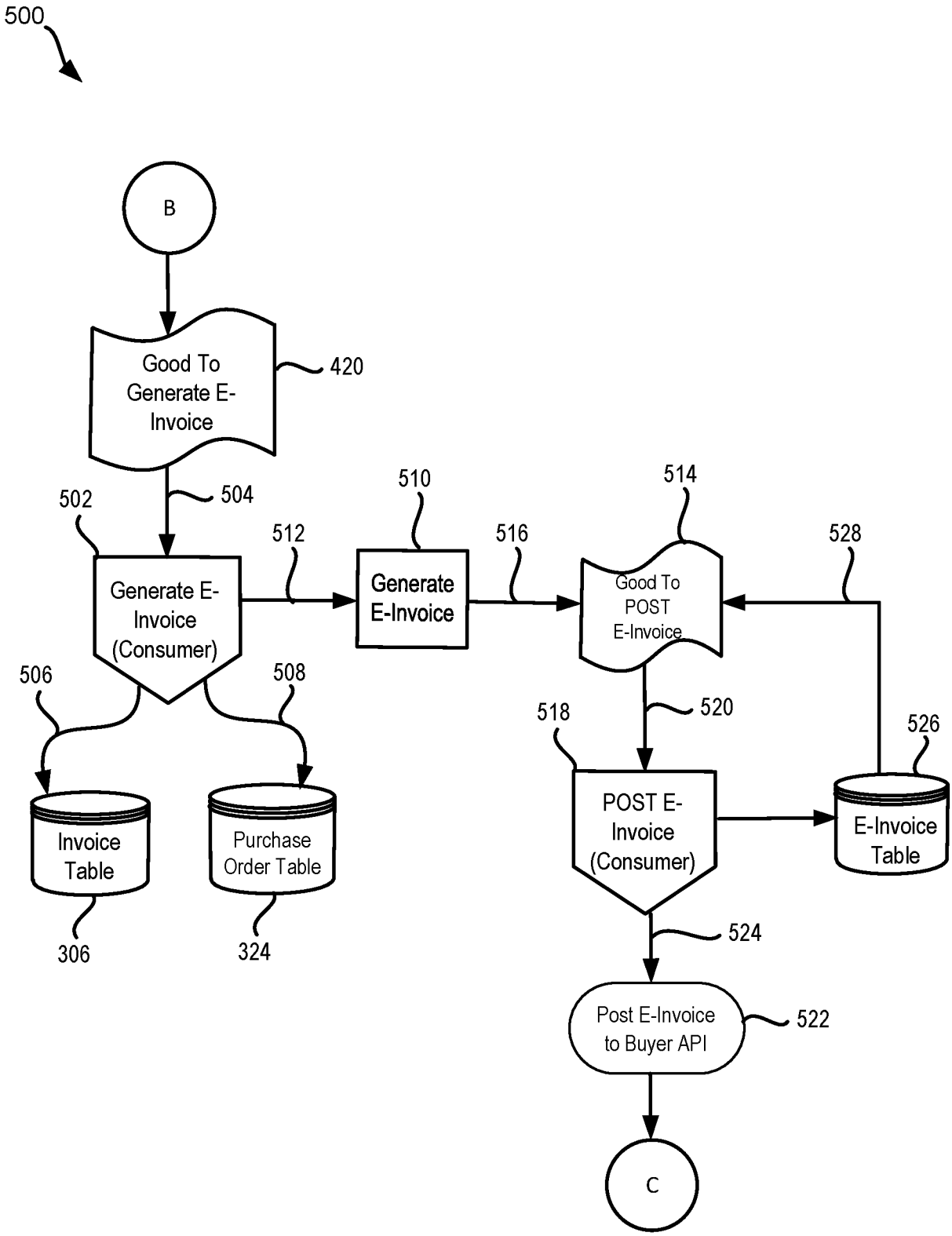
500
B
Good To Generate E-Invoice
420
504
502
510
514
512
516
528
Generate E-Invoice (Consumer)
Generate E-Invoice
Good To POST E-Invoice
506
508
518
520
526
Invoice Table
Purchase Order Table
POST E-Invoice (Consumer)
E-Invoice Table
306
324
524
Post E-Invoice to Buyer API
522
C

FIG. 5

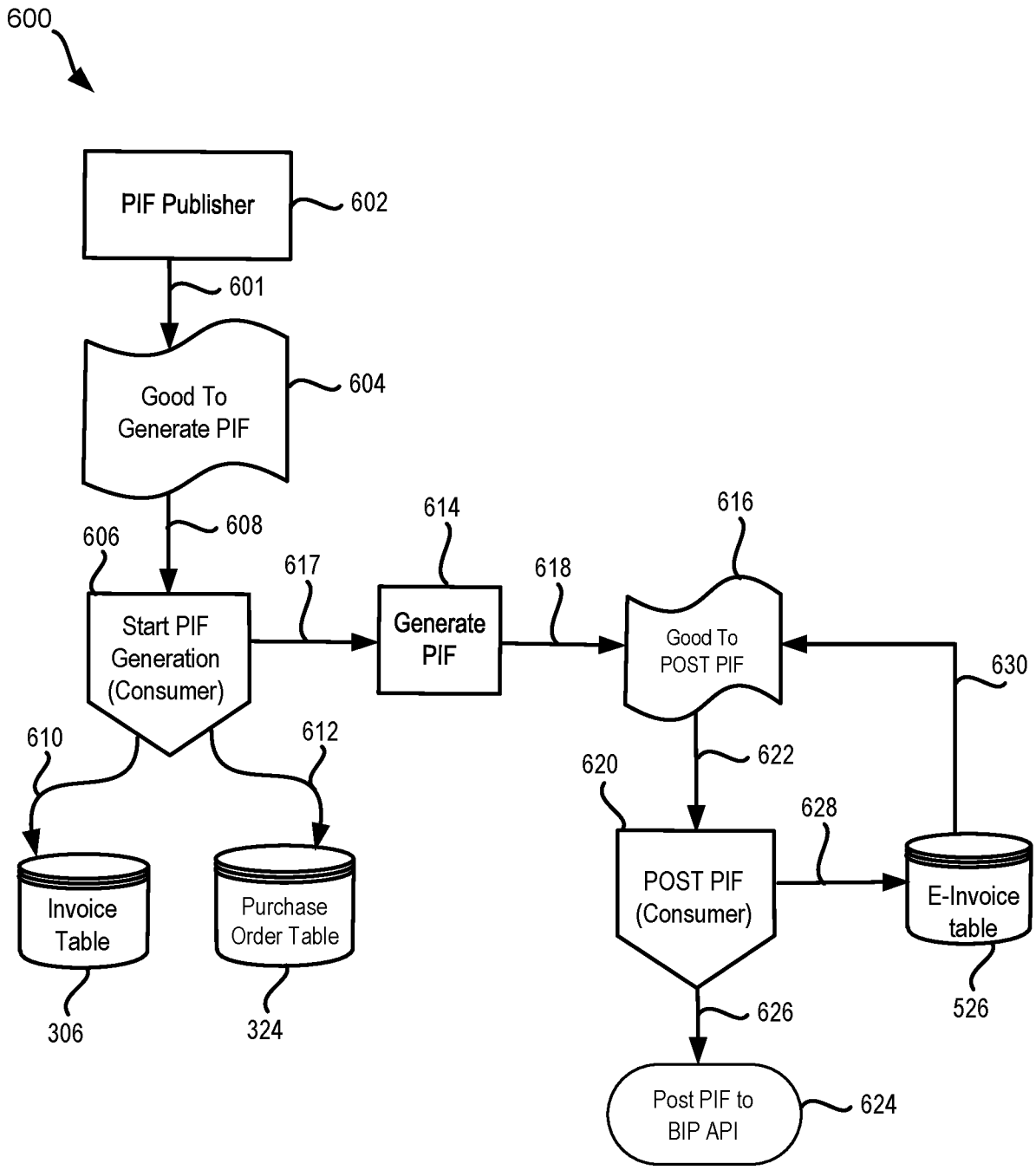
600
PIF Publisher
602
601
Good To Generate PIF
604
606
608
614
616
617
618
Start PIF Generation (Consumer)
Generate PIF
Good To POST PIF
630
610
612
620
622
628
Invoice Table
Purchase Order Table
POST PIF (Consumer)
E-Invoice table
306
324
626
526
Post PIF to BIP API
624

FIG. 6