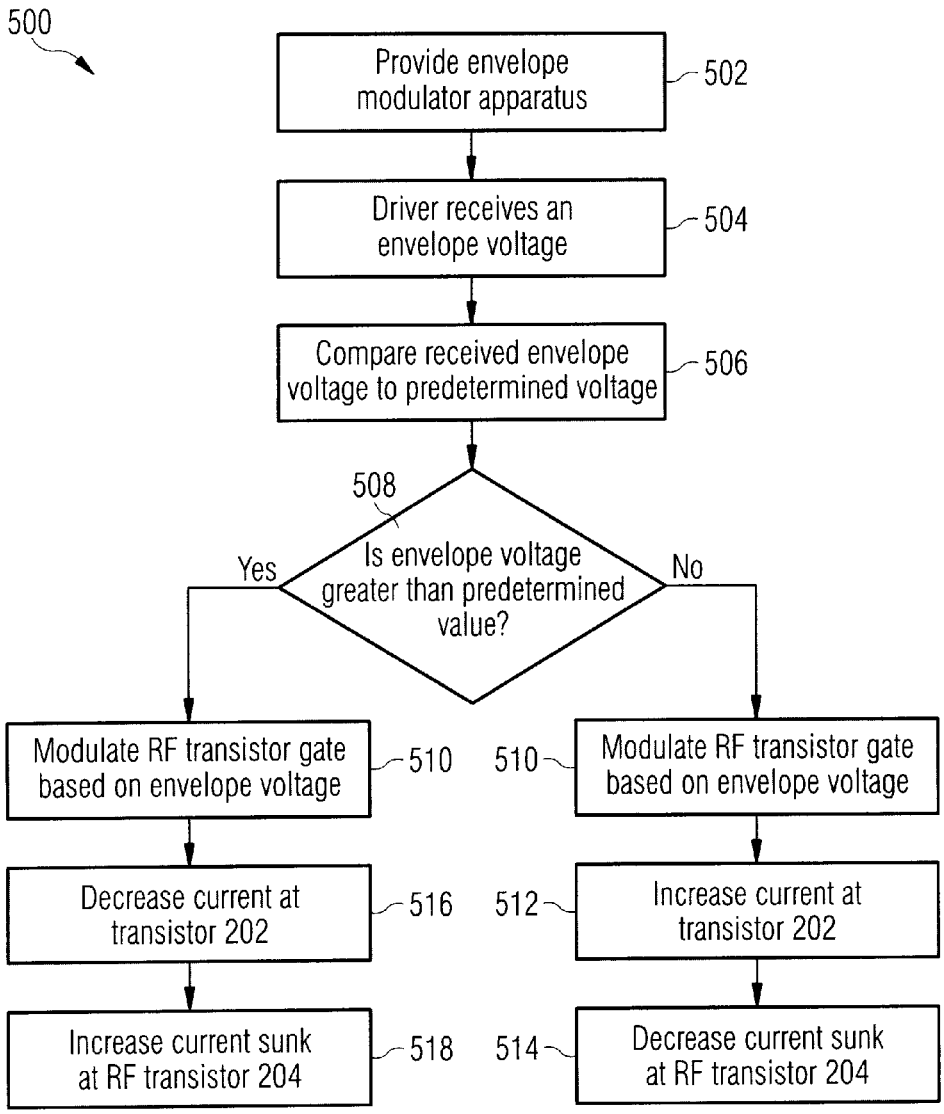
FIG 4


500
Provide envelope modulator apparatus
502
Driver receives an envelope voltage
504
Compare received envelope voltage to predetermined voltage
506
508
Is envelope voltage greater than predetermined value?
Yes
No
Modulate RF transistor gate based on envelope voltage
510
Decrease current at transistor 202
516
Increase current sunk at RF transistor 204
518
510
Modulate RF transistor gate based on envelope voltage
512
Increase current at transistor 202
514
Decrease current sunk at RF transistor 204