

FIG 1:
Staged chemical looping combustion process with integrated oxygen generation.

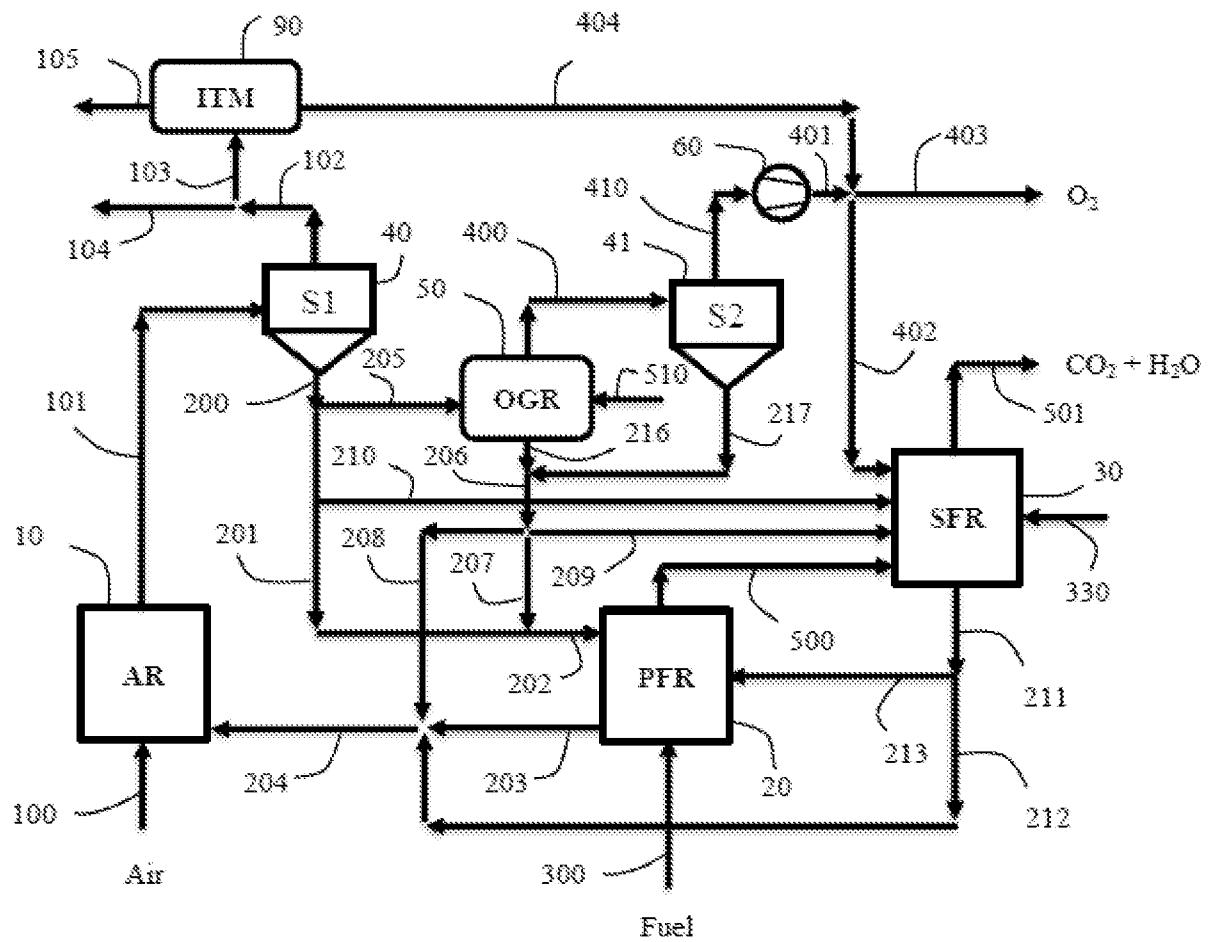


FIG 2:

Staged chemical looping combustion process with integrated oxygen generation using an ion transport membrane.

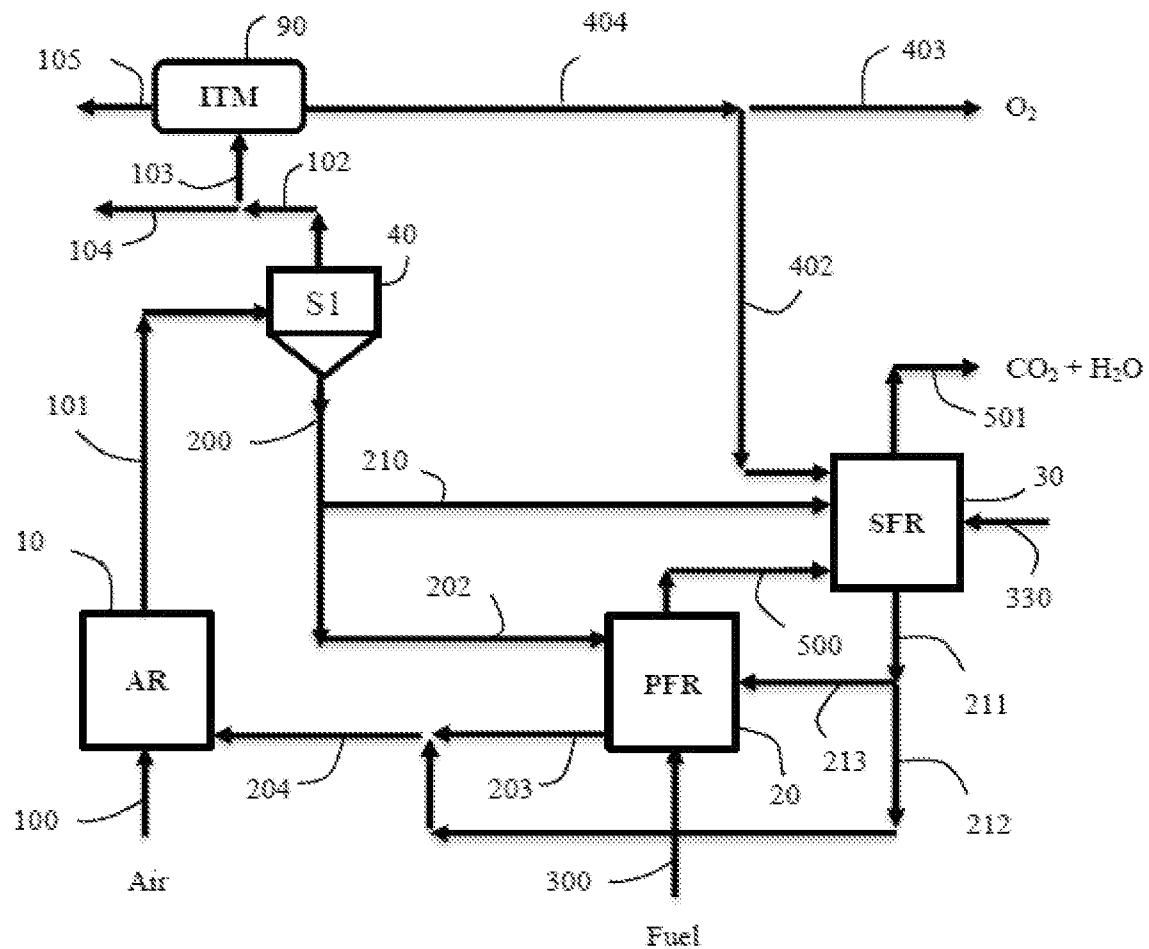


FIG. 3:

Staged chemical looping combustion process with integrated oxygen generation using an oxygen generation reactor.

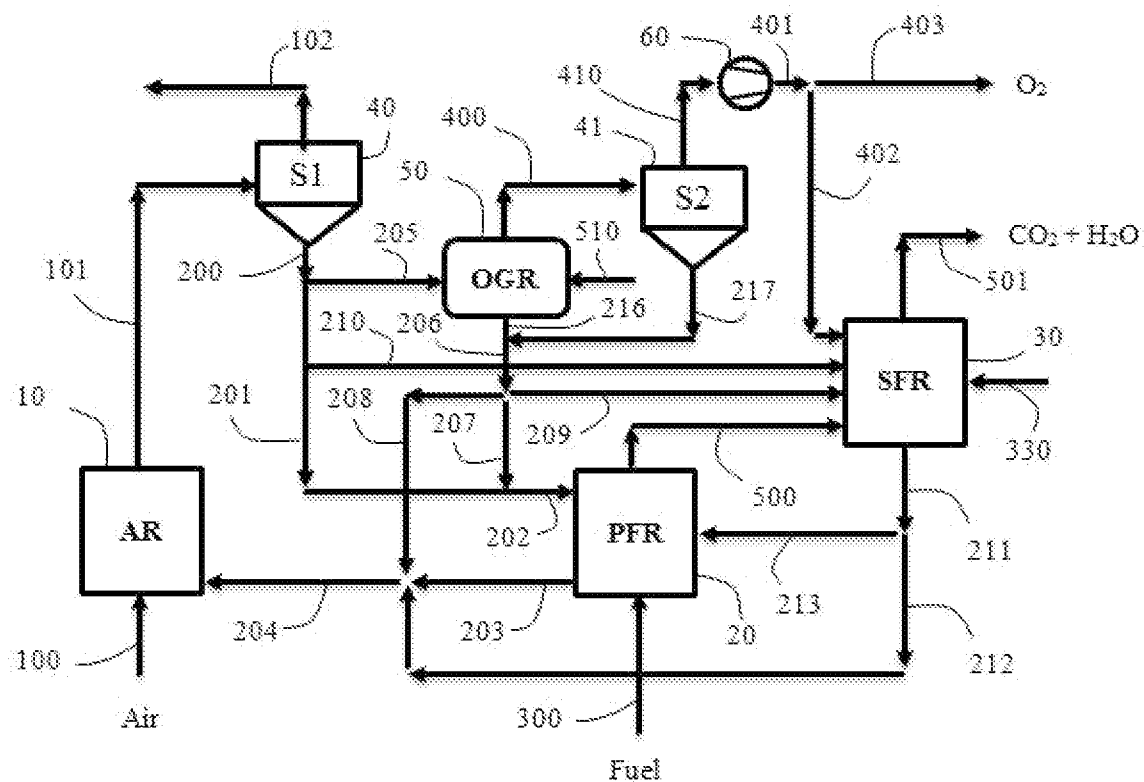


FIG. 4

Equilibrium partial pressure of gaseous O_2 over different metal oxide systems

