

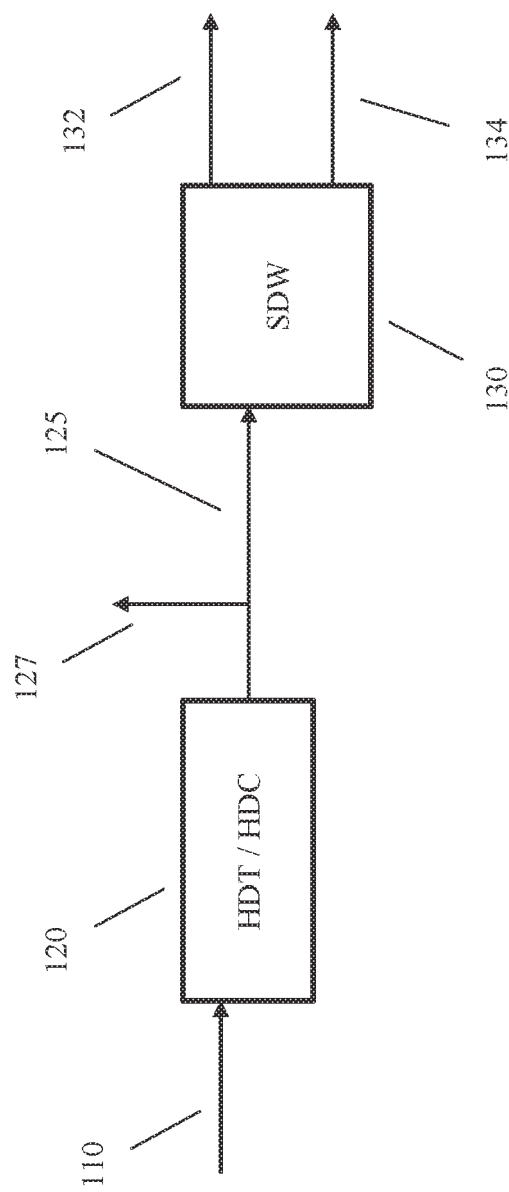


FIG. 1

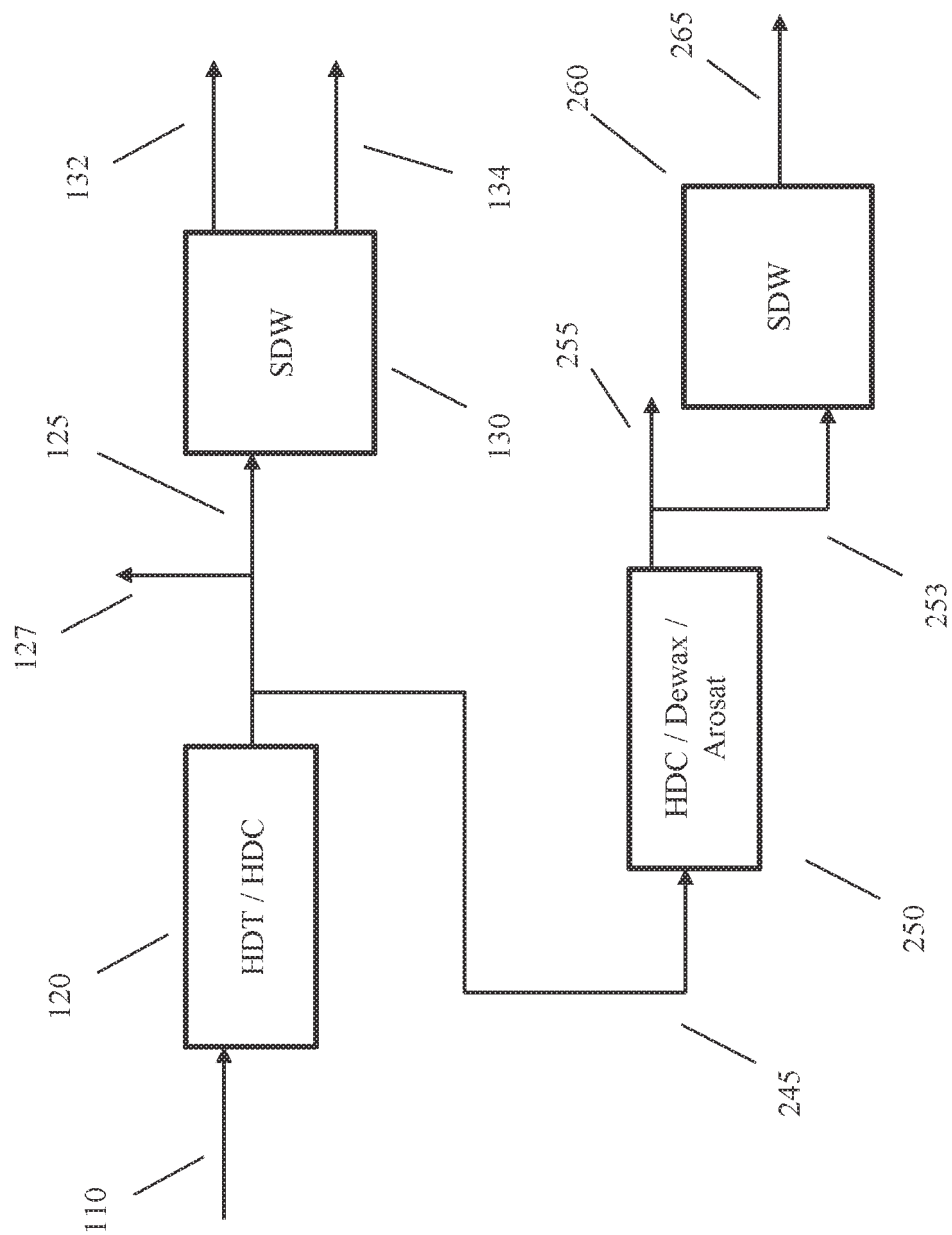


FIG. 2

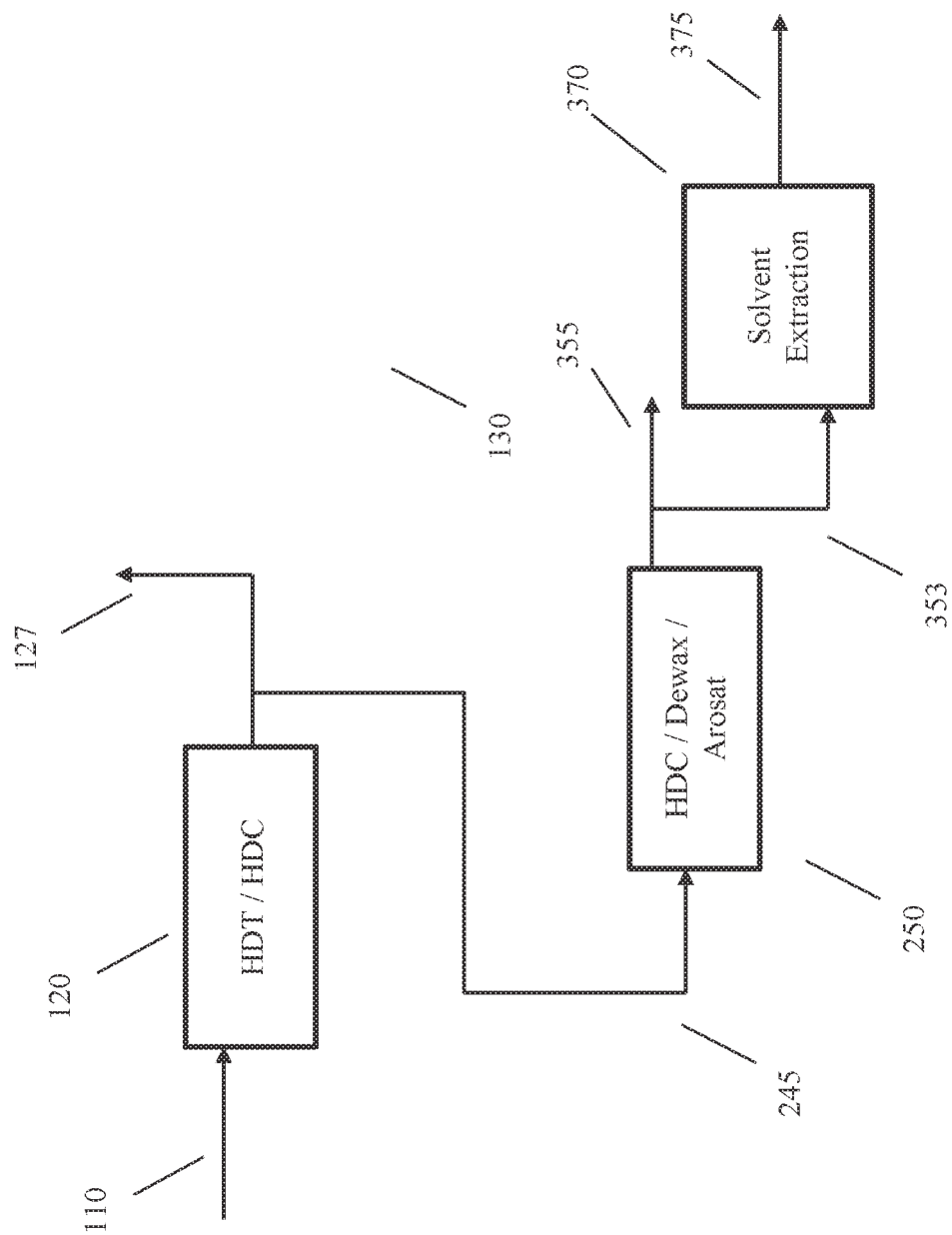


FIG. 3

C5 DAO (340°C TT) & C5 DAO+VGO STAGE 1: SDWed LUBE VI & KV VS. 510°C+ CONVERSION

2250 GSIG, 0.2 LHSV, 8000 SCF/B

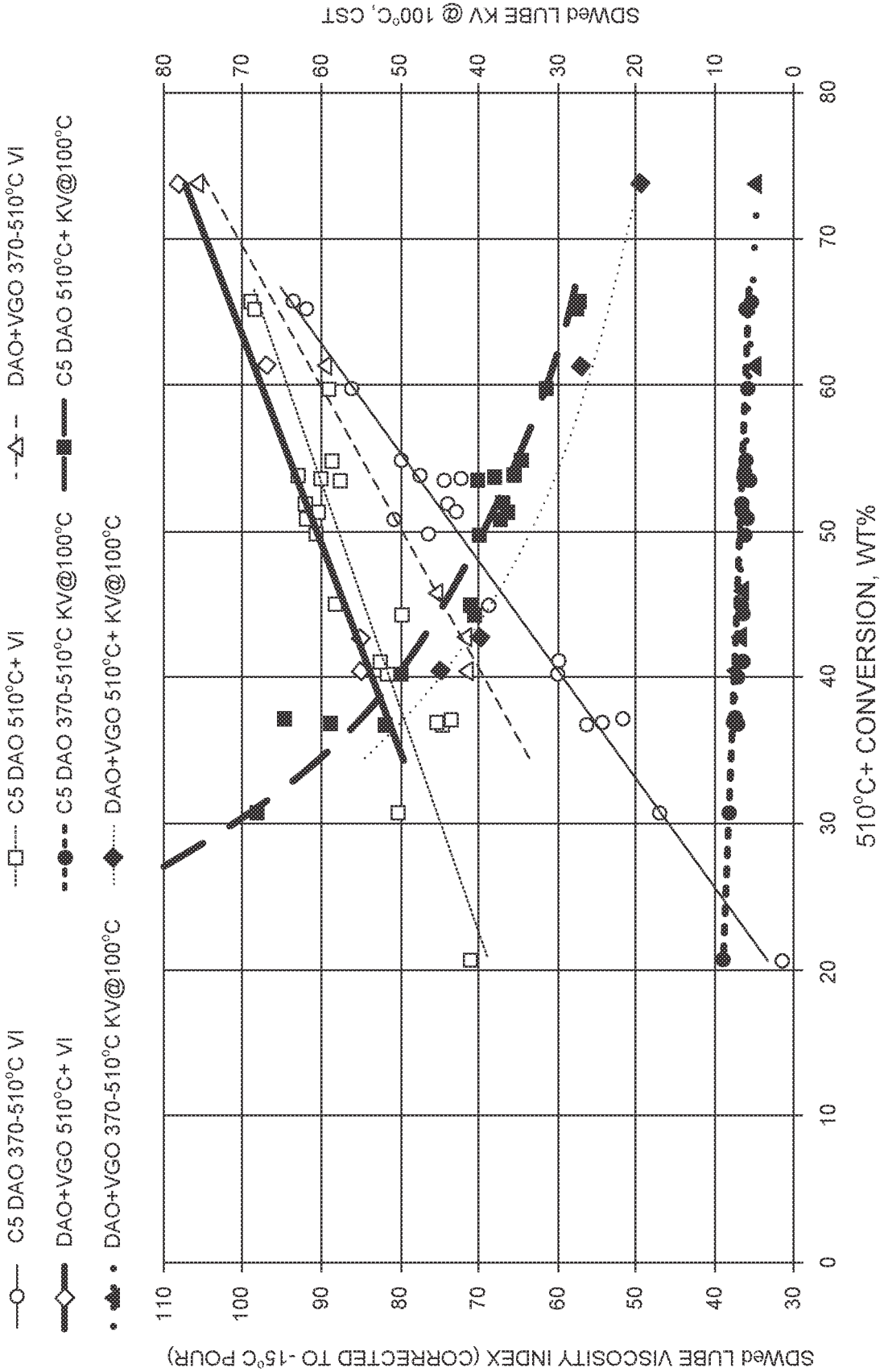


FIG. 4

HDW/HDF AND HDC/HDW/HDF OF 370°C+ HDC'ED 75% YIELD C5 DAO+HVGO+MVGO
VI PROFILE AND LUBE YIELDS FOR Feed 1 (ALL HDC IN ST. 1) VS. 2 STAGE HC (HDC IN ST. 1 & 2)

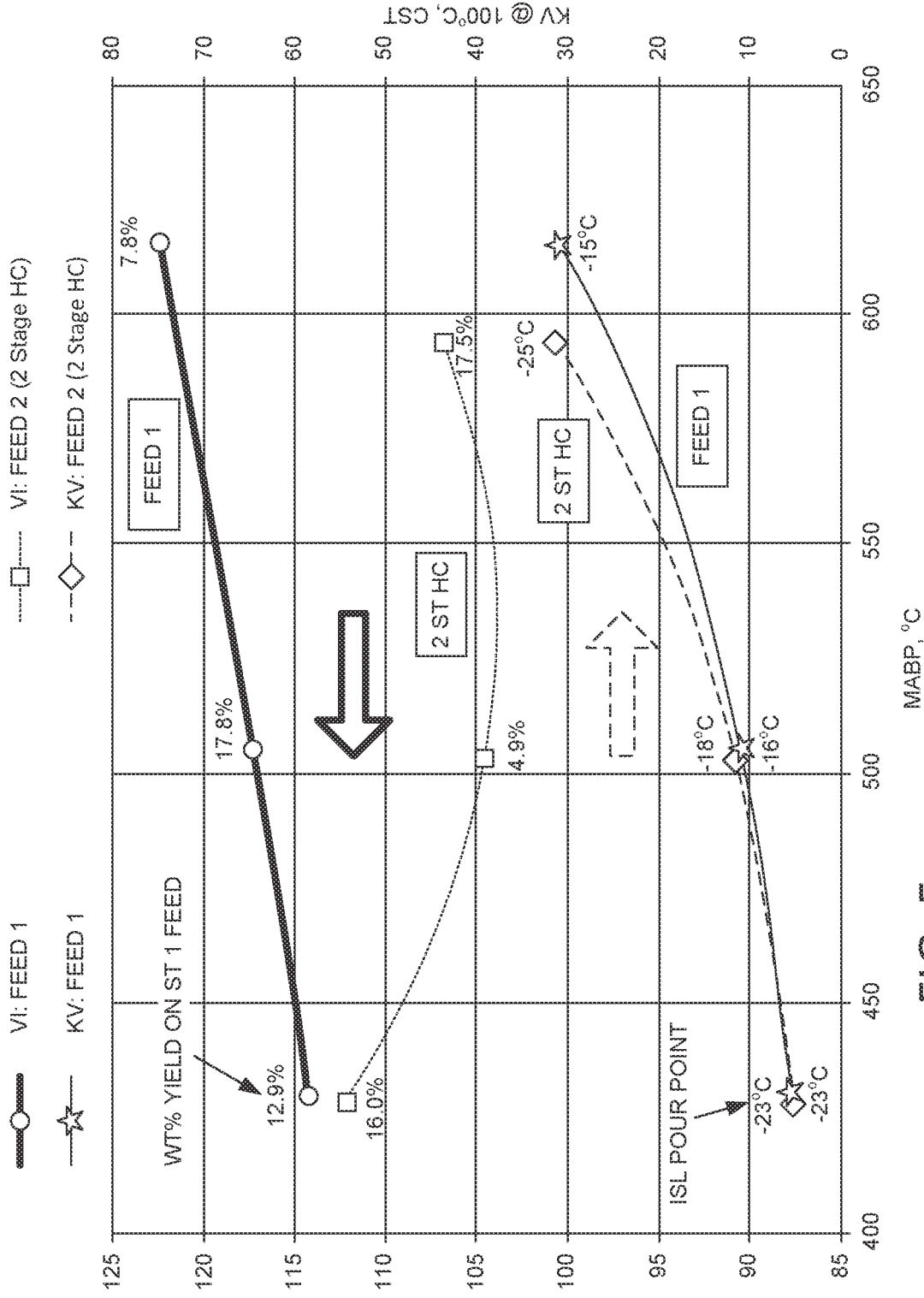


FIG. 5

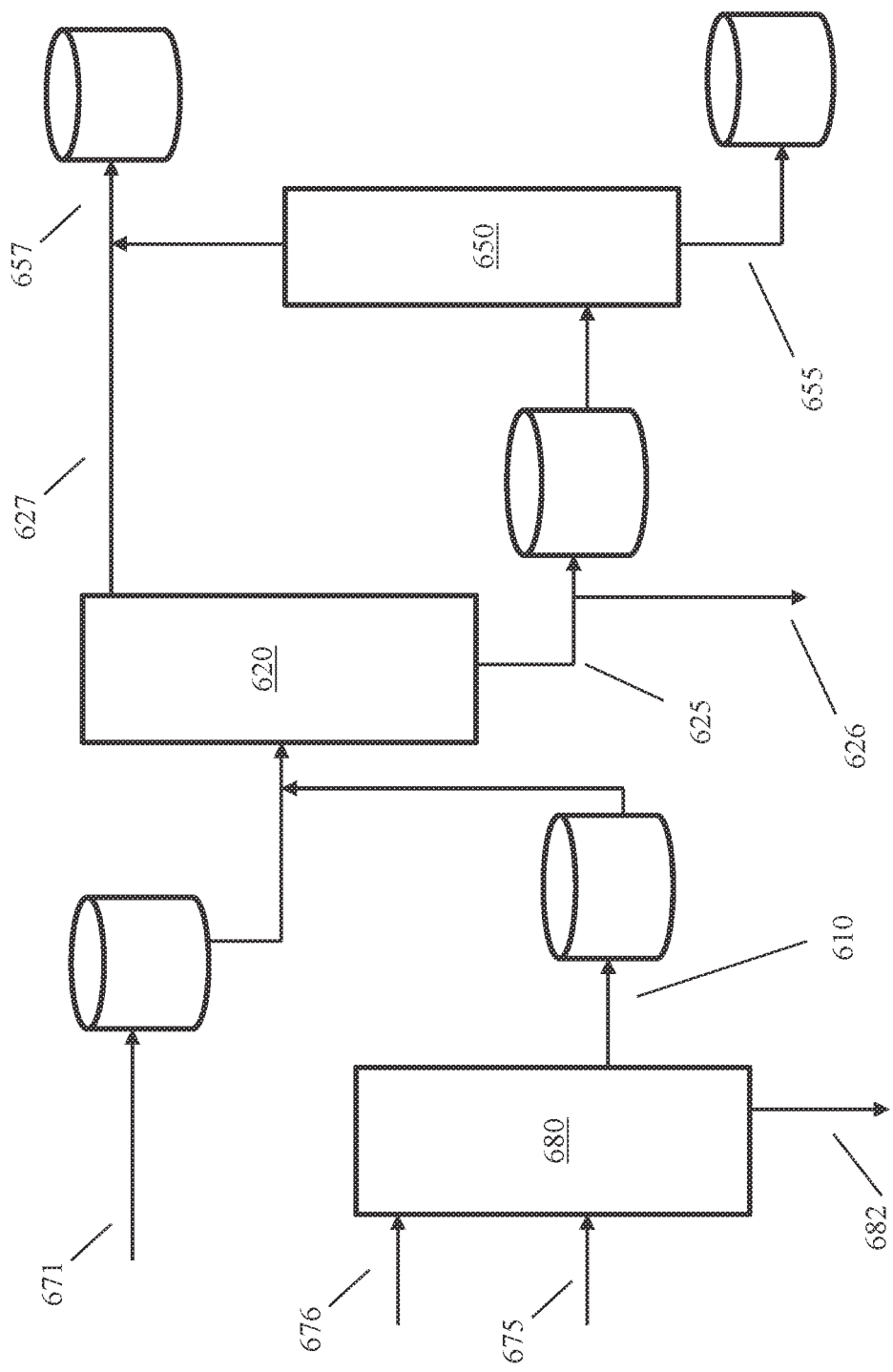


FIG. 6

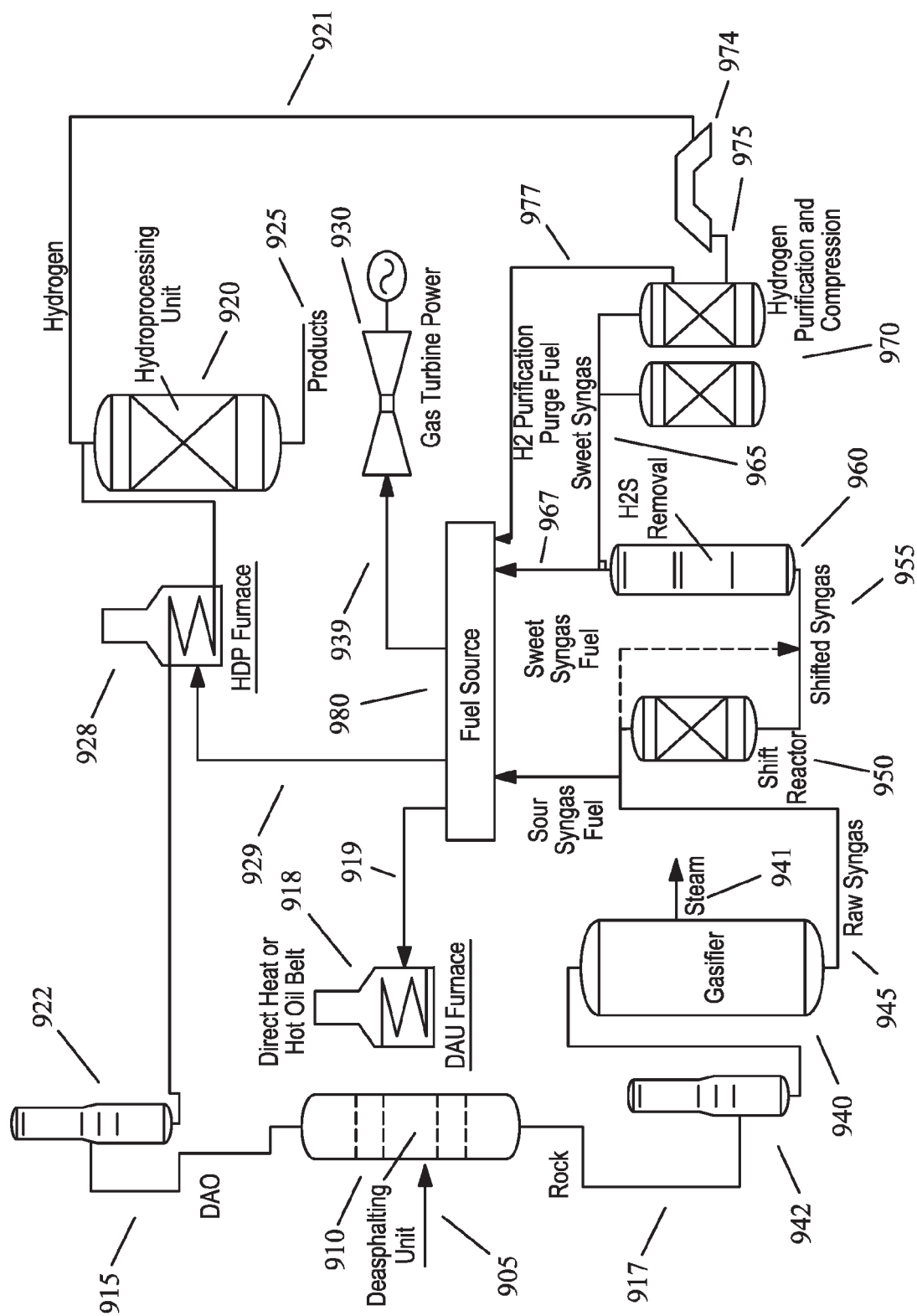


FIG. 7

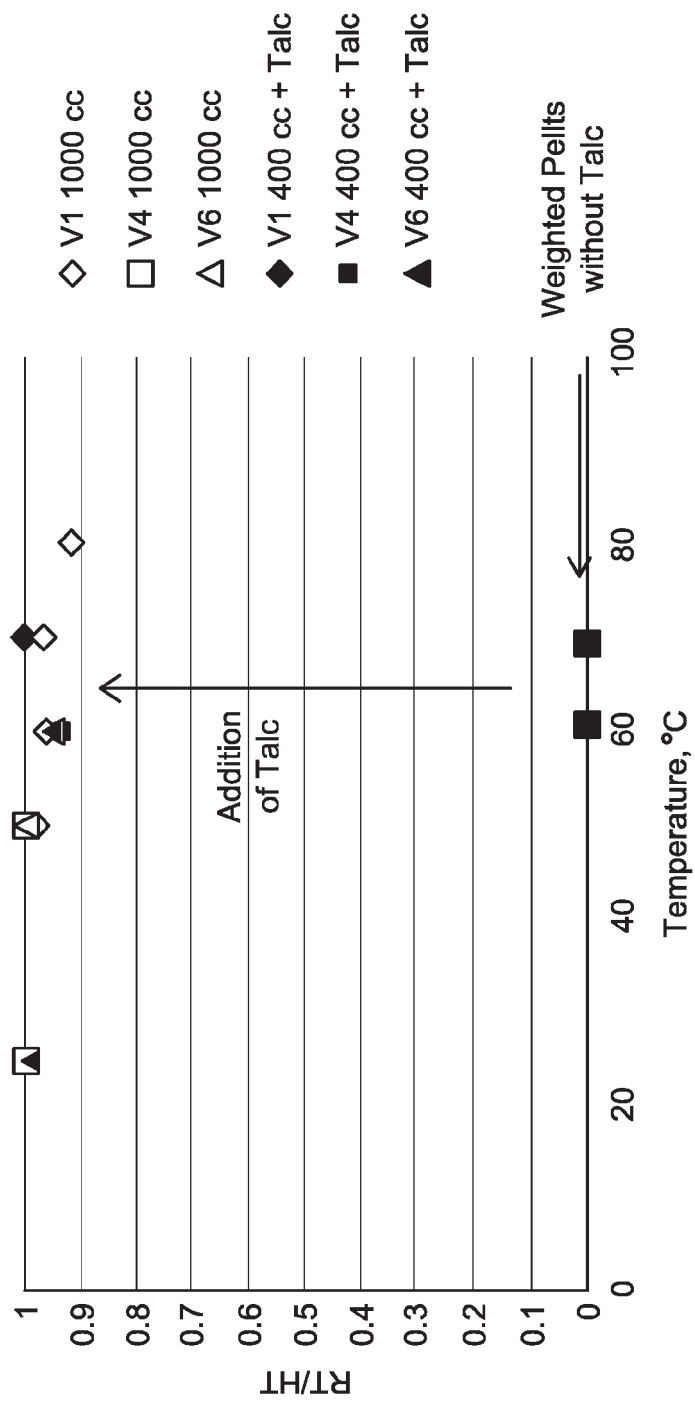


FIG. 8