

ABSTRACT OF THE DISCLOSURE

TEMPERATURE MODERATION OF AN
OXYGEN ENRICHED CLAUS SULFUR PLANT
USING AN EJECTOR

A process and system are set forth for improving an oxygen-enriched Claus plant by recycling through an ejector effluent from the first condenser back to the reaction furnace to moderate oxygen induced high temperatures and thus allow additional oxygen-enrichment and attendant throughput in the Claus plant.

(Figure 1)