

METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL

ABSTRACT

Apparatus and method for enhancement of contact of gas with vaporized material, which in an illustrative arrangement includes a system (100) that delivers a desired gas from a vaporizer (110) to process equipment (120) coupled to vaporizer (110). Vaporizer (110) vaporizes material, receives a gas from a gas source (130) coupled to vaporizer (110), and helps deliver to process equipment (120) gas resulting from contact of the received gas with vaporized material. Vaporizer (110) supports material to be vaporized to help increase exposed surface area of material to be vaporized to help promote contact of the received gas with vaporized material. By promoting contact of the received gas with vaporized material, vaporizer (110) may be used for delivery of the resulting gas to process equipment (120) at relatively higher flow rates.

Fig. 1