

Collecting Main For Tubular Cracking Furnaces

Abstract

Collecting main for the discharge of hot process gases from tubular cracking furnaces conveyed in process gas tubes, the inside of the collecting main being provided with at least one insulation layer of refractory concrete or refractory brick-lining, the outside being provided with a wall of a metal outer tube, with several nozzles via which the process gas tubes of the tubular furnace may be connected to the collecting main, the process gas tubes running at least partly in guide sleeves in the area of the nozzles, and one gas outlet connected to the related process gas tube each extending into the collecting main via which the process gas is introduced into the collecting main on proper operating conditions, and at least one gas outlet being shaped in the form of a pipe bend.

Drawing to be published with the application: Fig. 1