SYSTEM AND METHOD FOR PERFORMING A CHEMICAL EXPERIMENT

Abstract

The invention relates to a system for performing parallel chemical experiments. The system comprises an array of parallel flow through reactors each comprising a reaction chamber (1a), a reactor inlet (1b) and a reactor outlet (1c) connected to the reactor chamber (1a). Downstream of each reactor a corresponding active pressure regulating arrangement (4) is provided for actively regulating the reactor pressure. The pressure regulating arrangement comprises a passage (5) for reactor effluent with an inlet connected to the reactor outlet (16) and an outlet for discharging reactor effluent at a reduced pressure with respect to the reactor pressure.

FIG. 1