

DUAL PUMP HARVESTING METHOD AND APPARATUS

Abstract

The present disclosure provides a dual pump harvesting process including a concentrating process and a formulating process. Two pumps are used to perform the concentrating process. One end of a first pump of the two pumps is connected to an initial sample container and an other end of the first pump is connected to a centrifugal container; one end of a second pump of the two pumps is connected to the centrifugal container and an other end of the second pump is connected to an intermediate container and a waste liquid container. A flow rate difference between the two pumps during concentration is set to be a flow rate threshold, and a flow rate of the second pump is higher than that of the first pump to perform a continuous flow concentration. The present disclosure also provides a dual pump harvesting apparatus.

FIG. 1