

ABSTRACT

COLLECTION SYSTEM FOR THE RECOVERY OF A SEPARATED RADIOACTIVE FRACTION

A collection system for recovering a separated radioactive fraction, comprising: a collection inlet configured to receive a fraction from a separation system, a radio detector configured to determine the radioactivity of the fraction and generate a radiodetection signal based on the determined radioactivity, a collection valve system in fluid communication with the collection inlet, wherein the collection valve system comprises at least one or more of the collection vessel outlets and a waste outlet, a control unit configured to control the collection valve system to guide the fraction to one of the collection vessel outlets or a waste outlet.

Fig. 2a for publication