Process analysis system with sterile sampling of mechanically sensitive material from a bioreactor

Abstract

The invention relates to a sampling valve with which samples containing mechanically sensitive material are removed in a sterile manner from a bioreactor, and to a process analysis system with analysis stations, in particular chromatography systems, biosensors and cell determination devices, permitting automated, sterile removal of a sample from a bioreactor and gentle transport of the sample, containing mechanically sensitive material, in particular cells, to the analysis station.

Fig. 1a