

Abstract

A filter device (1) and a filtering infusion container comprising same. The filter device (1) comprises: a first component (20) comprising an outer casing (21) which is provided with a first accommodating cavity (213); a second component (40) comprising a flow channel (41); an actuator (50) used for closing or opening the flow channel (41), a head portion (51) of the actuator (50) being rotatably connected to the second component (40), a rod portion (52) of the actuator (50) being inserted in the flow channel (41), and covered by a seal cover (53); a filter membrane (30) sandwiched between the first component (20) and the second component (40); and a flow path (60) sequentially passing through the flow channel (41), the filter membrane (30), and the first accommodating cavity (213). The filtering infusion container comprises an infusion container (2) and the filter device (1). The filter device (1) is connected to the infusion container (2). One end of the flow path (60) leads to the infusion container (2), and the other end leads to the filter membrane (30). The structure of the filter device (1) enables the filter membrane (30) and an infusion fluid to be always located in different closed spaces before usage of the patient, so that the best integrity of the filter membrane (30) can be maintained; moreover, no fluid leakage will happen in the filter device (1), and the actuator (50) will not get loose during transportation.

Fig. 1