

SEPARATOR INSERT, SEPARATOR AND METHOD FOR EXCHANGING A SEPARATOR INSERT

ABSTRACT

The invention relates to a separator, comprising a frame (I) and a separator insert (II) exchangeably disposed on the frame; wherein the separator insert is designed to separate a flowable suspension (S) into at least two flowable phases (LP, HP) of different density in a centrifugal field and forms a pre-assembled, exchangeable unit for inserting into stator units on the frame of the separator; wherein, furthermore, mutually spaced holders (I-4, I-5) having stator units (4a, 5a) of the bearing devices (4, 5) are formed on the frame (I), between which holders the housing (1) of the separator insert is non-rotatably retained such that the rotor (2) with the drum remains rotatable; wherein the relative position of the holders (I-4, I-5) having the stator units (4a, 5a) of the bearing devices (4, 5) can be changed such that the separator insert (II) can be exchanged; and wherein the housing (1) and the holders (I-4 and I-5) have corresponding interlocking elements in order to non-rotatably retain the housing (1) at the holders.

Figure 7