Claims

1. Method for cleaning filter devices (15) of a module for filtering fluids (10), the module comprising a supply pipe with at least two separate supply channels, (12) that supply a fluid to a filter device (15), the filter device comprising a respective filter inlet region for each supply channel, a filtrate space and a filtrate pipe comprising one or more filtrate channels for receiving, and discharging, filtrate from the filtrate space, in which said supply channels (12) comprise at least a first supply channel for supplying fluid to the filter device simultaneously with at least a second said supply channel discharging fluid from the filter device.

2. Method according to claim 1, in which the fluid is conveyed unfiltered from a first supply channel (12) via the filter device (15) to a said filtrate channel.

3. Method according to claim 1, in which the fluid is filtered through the filter device (15) before being discharged through the one or more filtrate channels.

4. Method according to one of the preceding claims, comprising the step of closing one or more supply channels (12), in particular by means of a valve.

5. Method according to one of the preceding claims, comprising several modules (10) connected to each other in series with the first and second supply channels (2), such that the modules are cleaned at the same time.

6. Method according to one of the preceding claims, used on at least two modules (10) connected to each other in parallel.

7. Module for filtering fluids (10), comprising:

i. a supply pipe (14) comprising at least two separate supply channels for conveying a fluid to a filter device;

ii. the filter device (15) comprising a filter element, which is equipped to filter the fluid conveyed by each supply channel to the filter device (15);

iii. a filtrate space (16) for collecting the fluid filtered through the filter element; and

iv. a filtrate channel (17), which collects the filtrate from the filtrate space (16) and discharges it;

characterized in that

the filter device (15) has a respective filter inlet region allotted to each supply channel, wherein said supply channels (12) comprise at least a first supply channel for supplying fluid to the filter device simultaneously with at least a second said supply channel discharging fluid from the filter device.

8. Module according to claim 7, in which the filter element comprises a hollow fibre membrane.

9. Module according to claim 7 or 8, in which the supply channels (12) are at least partially formed of two separated tubes and/or the separation of the supply channels (12) is formed by a separator (20) in one tube.

10. Module according to one of claims 7-9, comprising a head element, in which the supply channels (12) are formed by chambers separated from each other, which adjoin the filter device (15).

11. Module according to claim 10, in which the chambers each have two connection openings, with the result that the fluid can flow into the chambers and at least partially flow out.

12. Module according to claim 9, wherein connections between the separator (20) and the regions adjoining it is preferably sealed against the fluid by means of a sealing element.

13. Module according to one of claims 7-12, in which at least one said supply channel (12) has an indentation (22) for discharging gas.

14. Module according to claim 10, comprising a valve device comprising a valve, with which a said supply channel (12) and a said filtrate channel (17) can be closed.

15. Module according to claim 14, in which the valve is provided in the head region.