CLAIMS

1. A bag for a circuit of an installation for treatment of a biological liquid by tangential filtration, characterized in that it comprises:

- a plurality of connectors (11A-IIP) and a network (12) for conveying liquid between said connectors (11A-11P), said conveying network (12) being formed by a plurality of conduits (13A-I3K); and
- two flexible films (65, 66) fastened to each other, said conduits (13A-13K) being formed between the two said flexible films (65, 66);
- a first conduit (13C) extending longitudinally between a flow pump connector (11C) emerging on a first side (68) of said bag and a tangential filter connector (11M) emerging on a second side (69) of said bag which is an opposite side to said first side (68);
- a second conduit (13B) extending longitudinally from a first side of said first conduit (13C) between a supply container connector (11B) emerging on said first side (68) of said bag, and another tangential filter connector (11N) emerging on said second side (69) of said bag which is an opposite side to said first side (68);;
- third conduit (13H) extending from a second side of said first conduit (13C), which is an opposite side to said first side of said conduit (13C), starting at a collecting container connector (11J), until it enters said first conduit (13C); and
- a fourth conduit (13A) extending from the first side of said first conduit (13C), starting at a transfer pump connector (11A), until it enters said second conduit (13B);
- whereby said bag is configured such that the liquid to be treated passes within said bag (10) via said fourth conduit (13A), then passes to a supply container via said second conduit (13B), then passes as far as the tangential filter by the action of a flow pump via said first conduit (13C), a first treated liquid passing from the tangential filter to the supply container via said second

conduit (13B) and a second treated liquid passing from the tangential filter to a collecting container via said first conduit (13C).

2. A bag according to claim 1, characterized in that it comprises a fifth conduit (13K) connected to a transfer pump connector (1IE), and a sixth conduit (13E) which extends from a source container connector (1IF) until it enters said fifth conduit (13K).

3. A bag according to claim 2, characterized in that it comprises at least a seventh conduit (13F, 13G) which extends from a buffer and/or cleaning container connector (11G, 11H) until it enters said fifth conduit (13K).

4. A bag according to one of claims 2 and 3, characterized in that it comprises an eighth conduit (13D) which extends between an air filter connector (1ID) and a rinsing container connector (11I), said fifth conduit (13K) entering said eighth conduit (13D).

5. A bag according to any one of claims 1 to 4, characterized in that it comprises at least a ninth conduit (13I, 13J) which extends between a tangential filter connector (11L, 11O) and a waste container connector (11K, 11P).

6. A device for an installation for biological liquid treatment by tangential filtration, characterized in that it comprises a circuit (8) comprising:

- a bag (10) provided with a plurality of connectors (11A-I1P) and a network (12) for conveying liquid between said connectors (11A-11P), said conveying network (12) being formed by a plurality of conduits (13A-13K), the bag (10) further comprising two flexible films (65, 66) fastened to each other, said conduits (13A-13K) being formed between said flexible films (65, 66);
- a press (9) comprising a first shell (16) and a second shell (17) ~~mounted on~~ provided to said first shell (16), said first shell (16) and second shell (17) cooperating with said bag (10) to form the conduits (13A-13K) of said conveying network (12) between said flexible films (65, 66), by clamping said bag (10) between said first shell (16) and said second shell (17); and
- a plurality of valves (125A-125N);
- a first conduit (13C) extending longitudinally between a flow pump connector (11C) emerging on a first side (68) of said bag and a tangential filter

connector (11M) emerging on a second side (69) of said bag which is an opposite side to said first side (68);

- a second conduit (13B) extending longitudinally from a first side of said first conduit (13C) between a supply container connector (11B) emerging on said first side (68) of said bag, and another tangential filter connector (11N) emerging on said second side (69) of said bag which is an opposite side to said first side (68);

- a third conduit (13H) extending from a second side of said first conduit (13C), which is an opposite side to said first side of said conduit (13C), starting at a collecting container connector (11J) until it enters said first conduit(13C)

- a fourth conduit (13A) extending from the first side of said first conduit (13C), starting at a transfer pump connector (11A), until it enters said second conduit (13B); and

at least a first valve (125D, 125E) being situated on said first conduit (13C), at least a second valve (125B, 125C) being situated on said second conduit (13B), a third valve (125F) being situated on said third conduit (13H), and a fourth valve (125A) being situated on said fourth conduit (13A)

7. A device according to claim 6, characterized in that the bag (10) comprises a fifth conduit (13K) connected to a transfer pump connector (11E), and a sixth conduit extending from a source connector (11F) until it enters said fifth conduit (13K), the device comprises a fifth valve (125H) situated on said fifth conduit (13K), and a sixth valve (125I) situated on said sixth conduit (13E).

8. A device according to claim 7, characterized in that the bag (10) comprises at least a seventh conduit (13F, 13G) which extends from ~~a buffer and/or cleaning container~~ the the connectors (11G, 11H) of a buffer and/or cleaning container until it enters said fifth conduit (13K), and the device comprises at least a seventh valve (125J, 125K) situated on said seventh conduit (13F, 13G).

9. The device according to one of claims 7 and 8, characterized in that the bag comprises an eighth conduit (13D) which extends between an air

filter connector (11D) and a rinsing container connector (11I), said fifth conduit (13K)

entering said eighth conduit (13D), and the device comprises at least one eighth valve (125G, 125L) situated on said eighth conduit (13D).

10. A device according to any one of claims 6 to 9, characterized in the bag comprises at least a ninth conduit (13I, 13J) which extends between a tangential filter connector (11L, 11O) and a waste container connector (11K, 11P), and the device comprises at least a ninth valve (125M, 125N) situated on said ninth conduit (13I, 13J).

11. A device according to any one of claims 6 to 9, characterized in that it comprises a pressure sensor (126A-126~~D~~C) situated in at least one said first, second, and fourth conduit (13A, 13B, 13C~~, 13J~~).