

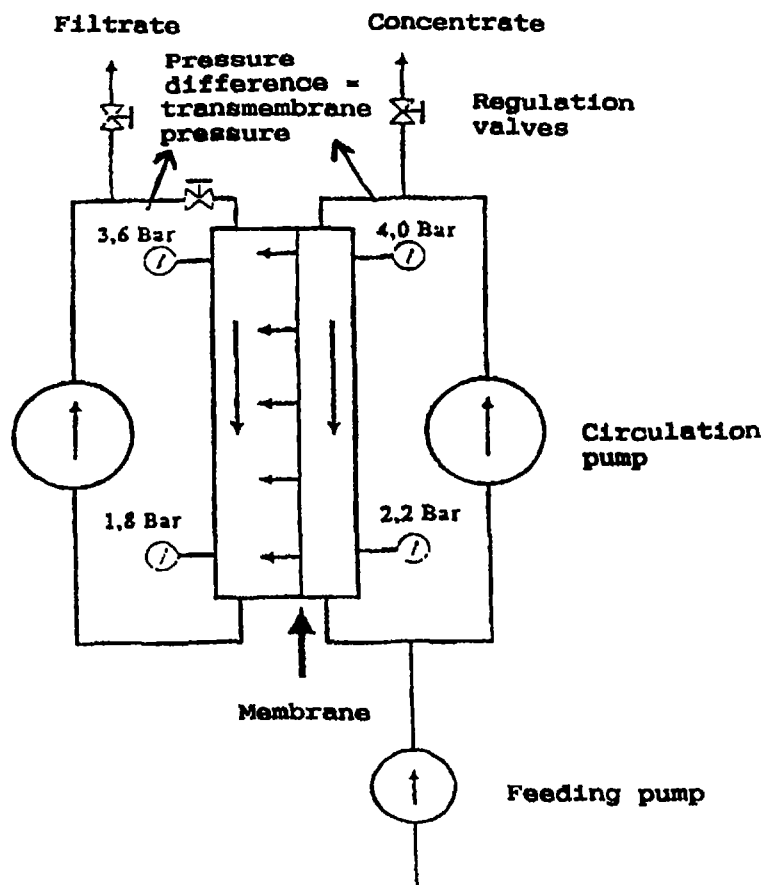


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(21) International Application Number: PCT/NO98/00133 (22) International Filing Date: 29 April 1998 (29.04.98) (71) Applicant (for all designated States except US): FONNELØP, Kåre [NO/NO]; Karl Kjeldsens vei 16, N-0860 Oslo (NO). (72) Inventor; and (75) Inventor/Applicant (for US only): MORTENSEN, Uffe [NO/NO]; Grimstadgata 23A, N-0464 Oslo (NO). (74) Agent: TANDBERGS PATENTKONTOR A/S; Boks 7085, N-0306 Oslo (NO).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: A PROCESS FOR THE PREPARATION OF COLOSTRUM**(57) Abstract**

A process for the preparation of an essentially bacteria-free colostrum by means of microfiltration, which process comprises that defatted, natural colostrum (first milk) is poured into a balance tank; subsequently the feeding pump is pumping the concentrate to a booster pump; the booster pump circulates the concentrate across a filter membrane wherein the pressure difference in the membrane rendered filtration of the concentrate possible; the concentrate is flowing across a heating/cooling unit to keep a constant process temperature before the concentrate returns to the booster pump; filtrated colostrum (the filtrate) circulates across the filter membrane to keep a constant transmembrane pressure; the filtrate is drained without pressure loss on the filtrate side of the filter.



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