

Title (en)

APPARATUS, SYSTEM AND METHOD FOR SEPARATING LIQUIDS

Title (de)

VORRICHTUNG, SYSTEM UND VERFAHREN ZUR ABTRENNUNG VON FLÜSSIGKEITEN

Title (fr)

APPAREIL, SYSTEME ET PROCEDE DE SEPARATION DES LIQUIDES

Publication

EP 1044061 A1 20001018 (FR)

Application

EP 98955699 A 19981119

Priority

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Abstract (en)

[origin: FR2771305A1] A liquid stream (30) is separated by reverse osmosis, nano, ultra or micro filtration across membranes (22) on porous supports (21). Helical impellers (15,17 and 18) rotating in the upstream chambers keep the liquid and membranes in movement and create a pressure differential. Independent claims are given for membrane separators with axial liquid feeds and a mixture of axial and tangential feeds. The liquid flows through the separator can be varied to give different ratios of parallel and serial streams.

IPC 1-7

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