

Title (en)

METHOD AND DEVICE FOR TESTING THE INTEGRITY OF FILTRATION MEMBRANES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM TESTEN DER INTEGRITÄT VON FILTRATIONSMEMBRANEN

Title (fr)

PROCEDE ET DISPOSITIF DE TEST D'INTEGRITE DE MEMBRANES DE FILTRATION.

Publication

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Application

EP 06841924 A 20061213

Priority

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Abstract (en)

[origin: FR2894843A1] The process, including a stage in which the insides of the membrane's hollow fibers are pressurized by a gas such as air, is used to test membranes of inner skin type, with a concentrate compartment (J) formed by the insides of the hollow fibers, and the permeate compartment (K) is formed by their outer surfaces. The pressurized gas is circulated in the concentrate compartment to empty the hollow fibers, which are open at their ends, and the permeate compartment is left at atmospheric pressure so that the membrane surface liquid can migrate through the membrane. The permeate compartment is then isolated, and the pressure inside it is measured and compared after a set time with the pressure to be found in an integral membrane.

IPC 8 full level

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CPC (source: EP US)

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