

Title (en)

HIGH-FLUX POLYACRYLONITRILE DIALYSIS DIAPHRAGM

Title (de)

HIGH-FLUX-DIALYSEMEMBRAN AUS POLYACRYLNITRIL

Title (fr)

MEMBRANE POUR DIALYSE A FLUX ELEVE EN POLYACRYLONITRILE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9525582A1] An asymmetrical semi-permeable diaphragm for dialysis and/or ultrafiltration made of a copolymer of acrylonitrile and acrylic ester and an ionic or ionisable monomer in the form of a hollow fibre, in which the copolymer consists of 90.50 to 95.00 wt % acrylonitrile, 4.99 to 8.60 wt % acryl ester and 0.01 to 0.90 wt % of the ionic or ionisable monomer, the diaphragm containing up to 5 % of polyvinyl pyrrolidone, in relation to the copolymer, in finely divided form. The diaphragm has a separating layer inside the hollow fibre and can be used for a long time without back-filtration and the build-up of a deposit.

IPC 1-7

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CPC (source: EP US)

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