

Title (en)

MICROPOROUS HOLLOW FIBER OR FILM MEMBRANE OF POLY(PHENYLENE SULFIDE) (PPS).

Title (de)

Mikroporöse Holfaser oder Filmmenbraun aus Polyphenylensulphide (CPS).

Title (fr)

MEMBRANE MICROPOREUSE SOUS FORME DE FIBRE CREUSE OU DE FILM, A BASE DE SULFURE DE POLYPHENYLENE.

Publication

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Application

EP 91916695 A 19910817

Priority

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Abstract (en)

[origin: CA2115826A1] 2115826 9304223 PCTABS00020 The present invention relates to a process for preparing a microporous permselective membrane from a poly(phenylene sulfide) (PPS) polymer, an organic compound which substantially solubilizes the PPS below its melting point to form a homogenous mixture, heating the resulting mixture, extruding or casting the mixture into a membrane (fiber or film), quenching or coagulating the membrane, and leaching the membrane, while optionally drawing the membrane before, during, after leaching, or a combination thereof. In one embodiment, the solvent optionally includes an organic non-solvent to assist in obtaining the desired microporosity. The permselective polymers are useful to separate gaseous or liquid components from a mixture of components.

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Citation (search report)

[X] US 4968733 A 19901106 - MUELLER HEINZ-JOACHIM [DE], et al

Cited by

CN115400615A

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