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(54) Title: A THIN FILM NANOFILTRATION MEMBRANE

(57) Abstract: A polymeric membrane for nanofiltration. The membrane contains a macrovoid layer having a first side and a second side, a first porous layer covering the first side of the macrovoid layer, a second porous layer covering the second side of the macrovoid layer, and a thin film layer covering the first porous layer. It has a molecular weight cut off of 100 to 5000 Dalton and a pure water permeability of 0.1 to 200 Lm⁻²bar⁻¹h⁻¹. Also disclosed are a method of preparing this membrane and a method of using it.

