

Title (en)

METHOD FOR MAKING A NANOFILTRATION MEMBRANE, AND RESULTING MEMBRANE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER NANOFILTRATION-MEMBRAN UND HERGESTELLTE MEMBRAN

Title (fr)

PROCEDE DE FABRICATION D'UNE MEMBRANE DE NANOFILTRATION, ET MEMBRANE OBTENUE

Publication

**EP 1289635 A1 20030312 (FR)**

Application

**EP 01940683 A 20010605**

Priority

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- FR 0007549 A 20000614

Abstract (en)

[origin: FR2810259A1] Production of a nanofiltration membrane includes contacting at least a surface of a porous support membrane with a grafting composition and using light radiation to form free radicals that produce nanofiltration properties. The composition includes radical polymerization monomer(s) and cross-linking agent(s) without a photo-initiator. An Independent claim is included for a nanofiltration membrane as above. Preferred Features: The support membrane has a permeability of  $5 \times 10^{-4}$  to  $10^{-2}$  l/(h.m<2>.Pa.) and includes a photosensitive agent and a reticulation agent.

IPC 1-7

**B01D 67/00**; **B01D 71/68**

IPC 8 full level

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