



GP Nano Tech. Ltd



- Extraordinary performance in seawater desalination and ultrafiltration;
- Pilot scale and low cost production were achieved;
- Gold medal in national entrepreneur competition
- Global giant company offered to license our membrane technology

WIPO PUBLISHES PATENT OF THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY FOR "A METHOD FOR THE SYNTHESIS OF FLEXIBLE MULTIFUNCTIONAL HIGH-VOIDAGE ULTRATHIN PE MEMBRANES" (CHINESE INVENTORS)

US Fed News

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**Our Patent was selected as special highlight by US Fed News**

Title of the invention: "A METHOD FOR THE SYNTHESIS OF FLEXIBLE MULTIFUNCTIONAL HIGH-VOIDAGE ULTRATHIN PE MEMBRANES."  
 Applicants: THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (China), Jin Li (HK), Runlai Lio (HK), Qinghua Zhang (HK) and Qiao Gu (HK). According to the abstract posted on the website of the Intellectual Property Office of the State Intellectual Property Administration: "A method of manufacturing a polyethylene membrane can comprise: stretching a polyethylene film in a first direction during a first stretching; attaching a plurality of rods on side edges of the polyethylene film; attaching a tape on the polyethylene film; stretching the polyethylene film having the rods attached thereto in a second direction during a second stretching; and annealing the polyethylene film after the second stretching. The second direction can be a transverse direction of the first direction, and the first stretching and the second stretching can be performed at the same (or higher) temperature and the same stretching speed as each other." The patent was filed on Dec. 18, 2018 under Application No. PCT/IB2018/001623. For further information, including images, charts and tables, please visit:

Global Leader in Membrane Technology

