


Low cost onsite generation of high purity oxygen (Technion)

code: CHM-0989

Current on-site generators separate oxygen from the air using adsorption. These generators provide insufficient oxygen purity for most applications, in particular when producing high flow rates. Our technology uses a ceramic membrane that allows for fast generation of high quality oxygen at practically 100% concentration under any desired flow rate. This invention can be applied to several industries and applications such as: medicine, chemical manufacture, coal gasification, oxyfuel combustion, fish farms, aircraft, gear for trauma medicine, scuba or other breathing apparatuses.

Contact for more information:

Gabriel Shemer , +972-4-8294851

T - Technion Technology Transfer
Technion City, Senate Bldg., Haifa 32000, Israel
Tel. 972-4-829-4851; 972-8325-375
Fax. 972-4-832-0845