

Patent Selections:

The patents annotated in this section have been selected from various patent collections. They are recent patents categorized by different chemicals, rawmaterials, materials, machines, design methods, chemical process and techniques involved and related to chemical engineering and are relevant to the articles published in this journal issue.

MODIFICATION OF POROUS CARBON

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3. Aldrich, N. K., Faulstich, K., Scaboo, K.M. Microfluidic systems including porous polymer electrodes. *WO07059167 (2007)*.
4. Charkoudian, J., Soice, N. Novel coated membranes and other articles. *EP1779922 (2007)*.
5. Ladeira, L.O., Eieto, D.E., Gribel, L.R. A composite comprising collagen and carbon nanotubes, process of producing same and uses thereof. *WO07115388 (2007)*.
6. Cadek, M., Beguin, F., Raymundo-Pinero, E. Carbonized biopolymers. *WO07088163 (2007)*.
7. Pan, H., Lin, J., Feng, Y.P. Carbon nanotube(s) and method for making the same. *WO07100306 (2007)*.
8. Tange, K., Shinozawa, T., Hasegawa, H., Hibino, K. Adsorbent for the adsorption and storage of natural gas and use thereof. *EP1759760 (2007)*.
9. Jiang, Z.F., Raymond, P., O'Gara, J.W., Thomas, H., Wyndham, K.D. Porous inorganic/organic hybrid particles for chromatographic separations and process for their preparation. *US20077223473 (2007)*.
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15. Mauritz, R. Substrate for nucleic acid amplification. *WO07098914 (2007)*.
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17. Shinomiya, Y., Ohara, M., Keiji. O., Tokumori, T. Three-dimensional electrode for electrolysis, ion

exchange membrane electrolytic cell and method of electrolysis using the three-dimensional electrode. *EP1767671 (2007)*.

18. Sanders, N.A. Electrochemical generation, storage and reaction of hydrogen and oxygen. *US20077198867 (2007)*.

MICRO REACTOR

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2. Kihara, T., Yagi, Y., Suzuki, T., Shiotani, M., Ogura, N. Microreactor and its manufacturing method. *JP136345 (2007)*.
3. Sato, T., Takahashi, R., Matsutani, K., Ishizuki, M., Mikami, N. Microreactor and manufacturing method thereof. *JP090324 (2007)*.
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5. Sotowa, K. Deep groove type microreactor. *JP050320 (2007)*.
6. Mae, K. Method of multiple reaction in microreactor, and microreactor. *EP1839734 (2007)*.
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8. Nakajima, A., Higashino, K., Sando, Y., Aoki, Y. Microreactor and microanalysis system. *WO07055151 (2007)*.
9. Higashino, K., Sando, Y., Nakajima, A., Aoki, Y. Microreactor and method of liquid feeding making use of the same. *WO07052471 (2007)*.
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MICRO REACTOR & MICRO FABRICATION

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- Russo, P.A., Bergman, P., Stebulis, M., Hope, J., Johnson, T.J., Schreyer, H.B. Method for performing fed-batch operations in small volume reactors. *WO07062218 (2007)*.
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- Kadzimirzs, D., Jas, G., Autze, V. Synthesis of carbon acid amides. *EP1801086 (2007)*.
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- Maeta, H., Shimizu, Y., Sato, T. Organic pigment fine-particle, and method of producing the same. *US20077160380 (2007)*.
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- Song, X., Kaylor, R. Membrane-based assay devices. *US20077285424 (2007)*.

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- Hiruma, T., Nishida, M., Watanabe, T., Katsuhara, K., Takagi, Jun. Reflective film and reflector plate. *EP1813642 (2007)*.
- Ruger, R., Dittmar, K., Dietz, J., Tischer, R. Coloured microstructured effect pigments. *US20077264670 (2007)*.
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8. Smalley, Jr., Robert, B., McPherson, M. Firearm cartridge and case-less chamber. **US20077210260 (2007)**.
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15. Jensen, K.R. Water ozonation and bioremediation system and associated methods. **US20077163628 (2007)**.

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2. Yamada, S., Koizumi, M., Tanaka, T. Wastewater treatment apparatus and wastewater treatment method. **JP130526 (2007)**.
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4. Miyazaki, H. Method for treatment of ammonia-containing wastewater. **WO07000942 (2007)**.
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