

Li-ion separator performance characteristics are determined through a combination of raw material selection for both the polymer and ceramic phases, along with the process conditions used to ...

LG Chem's Separator is a product with enhanced safety due to ceramic coating.

Unlike cyclone separators, our R& R-BETH's Light Material Separator features large, perforated rotor blades that efficiently and continuously separate and discharge these materials from process gas ...

This article deals with separator systems for light liquids that can be used in the management of rainwater from hard and polluted surfaces. Attention is focused on the material of the ...

Light liquid separators, also known as oils separators, are essential devices designed to remove oils and hydrocarbons from water prior to discharge. ACO light liquid separators are designed and ...

This article reviews the progress in light olefin/alkanes separation methods in recent years and provides an outlook on future research directions in this field, aiming to provide theoretical support and ...

We validated a compact separator to extract Li⁺ ions from a plasma source. Data showing the trajectories of the Li⁺ ions within the compact separator corroborated the simulations. The ...

The Haase light liquid separators are characterized by their special container. Due to the combination of glass fiber reinforced plastic (GRP) and polymer concrete, the separators are permanently resistant ...

The efficient solution for wastewater containing light liquids. Light liquid separators are used wherever wastewater can be contaminated by fuels and/or lubricants.

Light-gated COF membrane enables effective and continuous sieving in precise multistage molecular separation for at least 12 days.

In this paper, an axial separator with multiple-stage separation was introduced and investigated experimentally with water flow rate range from 3 to 7 m³/h and inlet oil fraction below 10%.

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