

The chlor-alkali industry forms an important component of basic chemical building blocks that are essential for making thousands of downstream chemical products (Worrell et al., 2000; Yang et al., 2009). This process is also ...

The Chlor-alkali industry process has been developed in the 19th century and has been the only commercial process for chlorine gas manufacturing on industrial scale ever since (Crook & ...

energy consumption of state-of-the-art chlor-alkali electro- lyzers has been greatly reduced with technological progress, all of its structural parts still need to be further optimized.

The results show that the hydrogen production of the photoelectrochemical chlor-alkali reactor, powered by the thermal energy stored in the solar pond, is increased [23]. While ...

1. The chlor-alkali industry 1.1. The importance of the European chlor-alkali industry Chlorine and caustic soda are basic building blocks for thousands of useful substances and products. The ...



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