

BAB V

KESIMPULAN

Proses pembuatan gas hidrogen dapat dilakukan melalui metode elektrolisis yaitu proses peruraian suatu larutan dengan menggunakan energi listrik (DC). Elektrolisis larutan elektrolit berupa asam atau basa menghasilkan gas hidrogen dan oksigen dimana pada anoda terjadi proses oksidasi dan katoda terjadi proses reduksi. Modifikasi reaktor elektrolisis dengan menggunakan kumparan solenoida dan elektroda silinder lapis ganda memberikan hasil yang positif karena melalui prinsip tinjauan dengan menurunkan resistensi listrik di dalam sistem sel elektrolisis, maka dapat menurunkan resistensi sehingga kuat arus yang digunakan dapat lebih besar.

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