

UNITED STATES PATENT OFFICE

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PROCESS FOR PRODUCING HYDROXIDES OF ALKALI METALS

No Drawing. Application filed March 26, 1926, Serial No. 97,777, and in Germany April 1, 1925.

The present invention relates to a process of producing the hydroxides of the alkali metals and alkaline earth metals.

In the United States Patent No. 1,532,489 Ser. No. 742,057 there is described a process of producing the hydroxides of the alkali forming metals, which process consists in treating an amalgam of an alkali forming metal with water in the presence of an alloy of iron with chromium.

I have now found that this process is highly accelerated by using a stirrer made of carbon or carbon like products e. g. coke, graphite or a mixture of these products or a mixture with alloys.

I claim:

1. The process which comprises agitating an amalgam of an alkali-forming metal in the presence of water by means of a stirrer composed of carbon material.

2. The process which comprises agitating an amalgam of an alkali-forming metal in the presence of water by means of a stirrer composed of graphite.

In testimony whereof I have hereunto set my hand.

ERNST HEINZE.

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