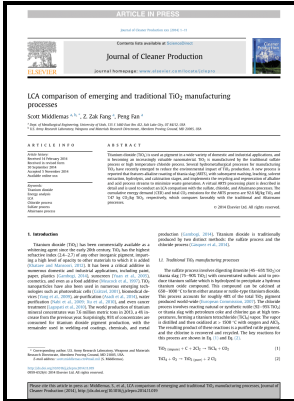


# Preliminary Studies in Chlorinating Titaniferous Slags From Idaho Ilmenite.

s.n - Review of Liquidus Surface and Phase Equilibria in the TiO<sub>2</sub>



Description: -

-Preliminary Studies in Chlorinating Titaniferous Slags From Idaho Ilmenite.

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Report of investigations (United States. Bureau of Mines) -- 5468

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5431 Preliminary Studies in Chlorinating Titaniferous Slags From Idaho Ilmenite.

Notes: 1

This edition was published in 1958



Filesize: 24.38 MB

Tags: #Recent #developments #in #processing #ilmenite #for #titanium

## Smelting

General costs associated with beach sand mining operations, Austraha 19 16. The flowchart is shown in Fig. CIOUS has exceeded these thresholds for all sample types aside from blanks.

## Recent developments in processing ilmenite for titanium

As seen, the recovery process involves the roasting of finely milled ore from the Mapochs mine with a sodium salt. Any titanium mineral resistant to abrasion and weathering, such as rutile and ilmenite or formed by weathering such as altered ilmenite , may be concentrated along with other resistant heavy minerals such as zircon and monazite, in the manner commonly observed on many beaches.

## US3996332A

A 93-pct-TiO<sub>2</sub> product is produced by this process.

## Catalog Record: Preliminary studies in chlorinating...

Orissa Mineral Sands Complex, also known as the Chatrapur Sand Deposit, is India's largest and newest deposit, located 300 km southwest of Calcutta and 22 km northeast of Berhampur. Box 530 El Maadi, Cairo, Egypt 2 Central Metallurgical Research and Development Institute, Cairo, Egypt Abstract The present work provides a method for beneficiating of an Egyptian titanium slag by a thermal oxidation and reduction in a controlled gas atmosphere to obtain leachable slag suitable for use as a feed material in the production of TiO<sub>2</sub> by chlorination process.

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