

Pollution Free Starch-Sago Plant

The technology, a Starch Processing Plant, is a new industrial water free process for starch processing operations. The innovator has not developed any new components but has innovated with the arrangement and sequencing of existing components used in starch processing operations. The result is an industrial starch processing operation, which produces dried powder starch without the need for utilizing water for running the operation.

Salient features

- The primary benefit of this technology is the reduction of pollution. The waste water is highly polluted which poses problems to the environment. This newly developed operation will solve the problem of pollution as it does not use water for grindings.
- A second benefit is that this new design reduces the power requirements for running the process. The new process requires 1/3 of the input power required by the design of present operations.
- This technology is an industrial process. It does not include newly created machinery, but instead consists of know-how in sequencing and arrangement of the entire process.
- Eliminates the need for water in the starch processing industry. Present practices are water intensive.
- Reduction in Electrical Power savings by 66.6% thus reducing the operating costs
- Space required for the process is reduced

Areas of application

- Starch processing industry

End users

- Pharmaceuticals