

# **BURNING SUNFLOWER HUSKS IN CFB GASIFICATION REACTOR**

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## **ABSTRACT**

*Due to the chemical composition of sunflower husks, it is difficult to burn these in a reliable and sustainable manner. Ash will deposit on colder surfaces of the boiler system and agglomeration starts to take place. Therefore it becomes necessary to clean the sunflower husk combustion boiler twice per month. However via the gasification process, it is possible to convert the sunflower husks continuously into a synthesis gas. After de-dusting the synthesis gas, it can be burned in a high efficiency boiler in order to produce steam or hot water.*

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