

METHOD AND SYSTEM FOR GENERATING SYNGAS

Abstract

5 Disclosed herein is a method for generating syngas comprising heating woodchips in a vessel comprising a pathway and a heat generator in thermal communication with the pathway to thermally degenerate the woodchips by pyrolysis with the woodchips forming biochar and releasing syngas when undergoing pyrolysis. The method further comprises displacing the generated syngas along the pathway to thereby filter the syngas through at least one of the
10 woodchips and the biochar undergoing pyrolysis, and discharging the filtered syngas from the vessel.

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Figure 1