

Title (en)
THERMAL GASIFICATION INSTALLATION

Title (de)
Thermische Vergasungsanlage

Title (fr)
INSTALLATION DE GAZEIFICATION THERMIQUE

Publication
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Application
EP 00922474 A 20000427

Priority
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Abstract (en)
[origin: WO0068631A1] A thermal gasification installation comprising a gasifier for producing a gas from a biofuel and a heat exchanger (11) having at least one heat transferring wall (21, 22) separating two heat exchanger sides (23, 24, 25) with opposite flow directions. The two heat exchanger sides (23, 24, 25) are during operation serving for the flowing through of a heated gas flow (x) from the gasifier and a cold airflow (y, z) from the airflow generator, respectively. The installation is arranged to periodically make the gas flow (x) and the airflow (y) change heat exchanger side (23, 24, 25) whereby the heating surfaces of the heat exchanger (11) is cleaned of encrustations. Thereby the thermal gasification installation will always be operating with an optimum good energy economy and produce a pure producer gas which is suitable as fuel for a gas engine. The gas is purified dryly without the disadvantages involved with a conventional liquid purification.

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Citation (search report)
See references of WO 0068631A1

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