

Title (en)

IMPROVEMENTS IN GASIFICATION AND/OR PYROLYSIS

Title (de)

VERBESSERUNGEN AN VERGASUNGS- UND/ODER PYROLYSEVORGÄNGEN

Title (fr)

AMÉLIORATIONS CONCERNANT LA GAZÉIFICATION ET/OU LA PYROLYSE

Publication

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Application

EP 12756536 A 20120725

Priority

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- GB 2012051789 W 20120725

Abstract (en)

[origin: GB2488616A] A method and apparatus are provided for gasifying/pyrolysing material containing organic matter including introducing the said material into a treatment chamber (2) and heating the material by passing a flow of hot gas (30) containing less than 5% oxygen through the chamber (2) so as to cause the material therein to gasify or pyrolyse. In a first mode of operation, the gas (30) is passed through the chamber (2) at a first velocity. The apparatus comprises a means (20, 21) for temporarily increasing the velocity of the hot gas (30) such that in a second mode of operation the velocity of the gas (30) exiting the means (20, 21) is temporarily increased. An increase in the efficiency of gasification and/or pyrolysis is possible using such methods.

IPC 8 full level

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