

Title (en)

METHOD FOR THERMALLY CLEAVING ORGANIC WASTE HAVING HIGH MOLECULAR WEIGHT

Title (de)

VERFAHREN ZUR THERMISCHEN SPALTUNG HOCHMOLEKULARER ORGANISCHER ABFÄLLE

Title (fr)

PROCÉDÉ DE CRAQUAGE THERMIQUE DE DÉCHETS ORGANIQUES DE POIDS MOLÉCULAIRE ÉLEVÉ

Publication

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Application

EP 11719755 A 20110303

Priority

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Abstract (en)

[origin: WO2011127881A2] The invention relates to a method for thermochemically converting organic waste material having high molecular weight into liquid combustible materials and fuels, comprising the following steps: feeding organic waste material into a reactor, heating the organic waste material to a temperature between 250 °C and 500 °C while avoiding exceeding critical coking temperatures in the reactor, feeding biogenic substances to the reactor, collecting and condensing the gases and vapors released from the mixture of organic waste material and biogenic substances, collecting the condensate and letting phases form, and removing the phase(s) containing liquid combustible materials and fuels.

IPC 8 full level

C10G 1/00 (2006.01)

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Citation (search report)

See references of WO 2011127881A2

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