

Title (en)
METHOD FOR THE PRODUCTION OF CURRENT FROM MATERIAL CONTAINING CARBON

Title (de)
VERFAHREN ZUR STROMERZEUGUNG AUS KOHLENSTOFFHALTIGEM MATERIAL

Title (fr)
PROCEDE POUR PRODUIRE DU COURANT A PARTIR D'UN MATERIAU CARBONE

Publication
EP 1436366 A1 20040714 (DE)

Application
EP 02772068 A 20020917

Priority
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• DE 10149649 A 20011009

Abstract (en)
[origin: DE10149649A1] The production of a current from a carbon-containing material, especially biomass, comprises allothermally gasifying the material in a reactor (1) producing a fluidized layer (5); cooling the gas produced after passing through a cyclone in successive stages; removing pollutants from the gas by condensation; and removing further pollutants using a chemical method. Preferred Features: The waste gases from combustion engines and/or burners are used to thermo-chemically digest the materials to be gasified, to heat and/or dry the materials to be gasified or to heat the combustion air of the gases or a post-combustion boiler. The waste gases are passed through a waste heat boiler to produce steam. A condensation steam turbine (9) is driven by the waste heat boiler.

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C10J 3/54; **C10J 3/84**; **C10J 3/56**

IPC 8 full level
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