

Title (en)
METHOD AND APPARATUS FOR GENERATING POWER ESPECIALLY FROM BIOMASS OR BIOMASS-BASED SOURCES OF ENERGY

Title (de)
VERFAHREN UND EINRICHTUNG ZUR ENERGIEERZEUGUNG INSBESONDERE AUS BIOMASSE ODER BIOMASSEENERGIETRÄGERN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE PRODUCTION D'ÉNERGIE NOTAMMENT À PARTIR DE BIOMASSE OU DE PORTEURS D'ÉNERGIE DE BIOMASSE

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Application
EP 10759804 A 20100903

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Abstract (en)
[origin: WO2011026633A2] Disclosed are a method and an apparatus for generating power especially from biomass or biomass-based sources of energy, according to the preamble of claims 1 and 9. In order to be able to increase the overall efficiency in the energy balance of an entire power generation apparatus, the method is an INTEGRATED two-stage power generation method in which two different working media are used in two thermally coupled, but otherwise independent thermodynamic cycles, an expansion machine or a first turbine that is connected to a first electric generator is operated using the first working medium in a high-temperature cycle (HT) in the first stage, and the waste heat is subsequently converted into electricity especially by cooling the high-temperature cycle in a second cycle operated as a low-temperature cycle (NT).

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See references of WO 2011026633A2

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