

Title (en)

CO2 EMISSION-FREE ENERGY PRODUCTION BY GAS TURBINE

Title (de)

CO2-EMISSIONSFREIE ENERGIEERZEUGUNG DURCH GASTURBINE

Title (fr)

PRODUCTION D'ENERGIE PAR TURBINE A GAZ SANS EMISSION DE CO2

Publication

**EP 1929139 A1 20080611 (FR)**

Application

**EP 06808156 A 20060915**

Priority

- FR 2006002134 W 20060915
- FR 0509525 A 20050916

Abstract (en)

[origin: WO2007031658A1] The invention concerns a method for reducing CO<SUB>2</SUB> rate present in fumes released by a power generator burning a mixture of oxidant and fuel containing hydrocarbons, which consists in expanding the combustion fumes, compressing a gas mixture comprising the oxidant and the fumes, eliminating at least part of the CO<SUB>2</SUB> present in a first part of the compressed mixture and recycling a second part of the compressed mixture so as to carry out combustion. The invention also concerns a device for implementing the method.

IPC 8 full level

**F02C 3/34** (2006.01)

CPC (source: EP US)

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