

Title (en)
PROCESS FOR OPERATING A NUCLEAR REACTOR

Publication
EP 0135882 B1 19870401 (DE)

Application
EP 84110777 A 19840910

Priority
DE 3334629 A 19830924

Abstract (en)
[origin: US4671925A] A method for operating a nuclear reactor having reactor coolant including an exhaust gas source and an exhaust gas system connected to the exhaust gas source, the exhaust gas system having at least one compressor connected to the exhaust gas source, a gas cooler connected to the compressor, a first reducing valve connected to the gas cooler, a switching valve connected to the first reducing valve, a moisture adsorber connected to the switching valve, a delay line normally connected in parallel with the moisture adsorber, a gas loop connected between the moisture adsorber and the compressor, a flue connection set at a given pressure during normal operation, and a second reducing valve connected between the delay line and the flue connection, includes interconnecting the delay line and the moisture adsorber in series, setting the flue connection to a pressure at least twice as high as the given pressure, reversing the switching valve thus allowing the exhaust gas to pass from the moisture adsorber to the delay line and then to the flue connection through the second reducing valve, upon the occurrence of a coolant displacement and increased exhaust gas production.

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G21F 9/02

IPC 8 full level
G21D 3/00 (2006.01); **G21F 9/02** (2006.01)

CPC (source: EP US)
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Cited by
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