

Title (en)

Generator-gas turbine-turbo compressor line and method for operating the same

Title (de)

Generator-Dampfturbine-Turboverdichter-Strang und Verfahren zum Betreiben desselben

Title (fr)

Tronçon de générateur-turbine à gaz-turbocompresseur et procédé destiné au fonctionnement de celui-ci

Publication

EP 2045441 B1 20100602 (DE)

Application

EP 07019475 A 20071004

Priority

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Abstract (en)

[origin: EP2045441A1] The line (1) has a turbo-compressor (4) driven by a generator (2) with a variable frequency, and a steam turbine (3), where the generator and steam turbine are coupled together to a shafting (5), and the turbine is driven with a steam control valve. The generator is electrically coupled to an electrical power supply system (6) for feeding power supply, and the steam turbine is connected to a live steam feeding device (7) for feeding live steam to the steam turbine such that the line has a rotational speed, which is controllable by varying the power supply feeding or live steam feeding. An independent claim is also included for a method for operating a generator-steam turbine-turbo-compressor-line.

IPC 8 full level

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CPC (source: EP US)

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KR 101531831 B1 20150626; KR 20100065394 A 20100616; MX 2010003515 A 20100421; PL 2045441 T3 20101130;
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