

Title (en)
DISABLING CIRCUIT IN STEAM TURBINES FOR SHUTTING OFF SATURATED STEAM

Title (de)
SPERRSCHALTUNG BEI DAMPFTURBINEN ZUR NASSDAMPFABSPERRUNG

Title (fr)
CIRCUIT D'ARRÊT DE TURBINES À VAPEUR POUR ARRÊTER LA VAPEUR HUMIDE

Publication
EP 2601382 B1 20140813 (DE)

Application
EP 11761538 A 20110914

Priority

- EP 10177090 A 20100916
- EP 2011065909 W 20110914
- EP 11761538 A 20110914

Abstract (en)
[origin: EP2431570A1] The steam turbine has a high pressure flow channel arranged between a rotatably supported rotor (4) and an inner housing (9), and a shear force compensation piston pipeline (24) leading to a shear force compensation piston pre-chamber (15). A wet steam pipeline (19) produces flow-guiding connection between a slotted chamber (13) and a compression chamber, where the slotted chamber is arranged between the rotor and the housing. The rotor has a shear force compensation piston (14) for compensating shear force of the rotor produced during operation of the turbine.

IPC 8 full level
F01D 3/04 (2006.01)

CPC (source: EP US)
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