

Title (en)
STEAM POWER PLANT FOR GENERATING ELECTRICAL ENERGY

Title (de)
DAMPFKRAFTWERK ZUR ERZEUGUNG ELEKTRISCHER ENERGIE

Title (fr)
CENTRALE THERMIQUE À VAPEUR POUR PRODUIRE DE L'ÉNERGIE ÉLECTRIQUE

Publication
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Application
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Priority
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Abstract (en)
The present invention provides a steam power plant (200, 300, 400) for generating electrical energy. The steam power plant (200, 300, 400) comprises a steam turbine (104) having a plurality of turbine sections (104a, 104b, 104c), a steam generator (102), and a reheating unit (106). Also, the steam power plant (200, 300, 400) comprises a main steam pipeline (110) which fluidically interconnects a steam inlet (114) of the first turbine section (104a) with the steam generator (102), and a hot reheat pipeline (118) which fluidically interconnects the reheating unit (106) with the a steam inlet (120) of a second turbine section (104b). Moreover, the steam power plant (200, 300, 400) comprises a first bypass station (132) which fluidically interconnects the main steam pipeline (110) with the hot reheat pipeline (118). Additionally, the steam power plant (200, 300, 400) comprises a second bypass station (134) which fluidically interconnects the hot reheat pipeline (118) with a condenser (108).

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Citation (applicant)
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