

Title (en)

STEAM CYCLE OF A POWER PLANT

Title (de)

WASSERDAMPFKREISLAUF EINER KRAFTWERKSANLAGE

Title (fr)

CYCLE À VAPEUR D'UNE CENTRALE ÉLECTRIQUE

Publication

**EP 1969285 A2 20080917 (DE)**

Application

**EP 07703641 A 20070104**

Priority

- EP 2007050081 W 20070104
- EP 06000183 A 20060105
- EP 07703641 A 20070104

Abstract (en)

[origin: EP1806533A1] The cycle (110) has an evaporator (12) and a super heater (24), where a condensate collector and a feedback pipeline are provided between the super heater and a steam generator for collecting the condensate in the super heater and for returning the condensate to the evaporator. The evaporator comprises a volume that is greater than a volume of the super heater. The condensate collector and the feedback pipe line comprise a pump (44) whose operation is controllable based on condensate amount in the collector and pipeline.

IPC 8 full level

**F22G 3/00** (2006.01)

CPC (source: EP US)

**F22G 3/003** (2013.01 - EP US)

Citation (search report)

See references of WO 2007077248A2

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AL BA HR MK RS

DOCDB simple family (publication)

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**EP 06000183 A 20060105**; CN 200780007911 A 20070104; EG 2008061112 A 20080629; EP 07703641 A 20070104; EP 2007050081 W 20070104; ES 07703641 T 20070104; IL 19262008 A 20080703; US 8738307 A 20070104