

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
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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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DOCDB simple family (publication)  
**EP 1806533 A1 20070711**; CN 101415992 A 20090422; CN 101415992 B 20110518; EG 25000 A 20110427; EP 1969285 A2 20080917; EP 1969285 B1 20160914; ES 2609393 T3 20170420; IL 192620 A0 20090922; IL 192620 A 20120229; US 2009165460 A1 20090702; US 8651067 B2 20140218; WO 2007077248 A2 20070712; WO 2007077248 A3 20081016

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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