

Title (en)

Power plant and process for starting and for purification of its water-steam cycle

Title (de)

Dampfkraftanlage und Verfahren zum Anfahren und zur Reinigung deren Dampf-Wasserkreislaufs

Title (fr)

Centrale d'énergie et procédé pour sa mise en marche et pour la purification de son cycle eau-vapeur

Publication

**EP 0981014 B1 20030416 (DE)**

Application

**EP 98810793 A 19980818**

Priority

EP 98810793 A 19980818

Abstract (en)

[origin: EP0981014A1] The separating flask (13) which is connected through a supply pipe to the vaporizer (8) is connected to a first water container (10) through a recirculation pipeline section (16) equipped with a first control valve (17) and to a second water container (6) by a further pipeline section (25) fitted with second control valve (23) and to the relaxation tank (22) through a third pipeline section (18) fitted with third control valve (19) and through a fourth pipeline section (20) fitted with fourth control valve (21). During operation of the steam generating system the pressure in the first water container is higher than in the second water container. Independent claims describe method for operating system during cold start where second control valve is opened and first, third and fourth valves are closed so that the water in the separating flask is diverted to the second water container, and for warm start for cleaning steam pipes.

IPC 1-7

**F22B 29/06**; **F22B 37/48**; **F01K 23/10**

IPC 8 full level

**F01K 23/10** (2006.01); **F22B 37/48** (2006.01)

CPC (source: EP US)

**F01K 23/106** (2013.01 - EP US); **F22B 37/486** (2013.01 - EP US)

Cited by

EP2195515A4; ITMI20102121A1; EP3086033A1; DE10116034A1; WO2012066490A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0981014 A1 20000223**; **EP 0981014 B1 20030416**; DE 59807972 D1 20030522; US 6155054 A 20001205

DOCDB simple family (application)

**EP 98810793 A 19980818**; DE 59807972 T 19980818; US 37362299 A 19990813