Title (en)
WASTE HEAT BOILER

Publication
EP 0359735 B1 19930721 (DE)

Application
EP 89890224 A 19890901

Priority
AT 225488 A 19880914

Abstract (en)
[origin: EP0359735A1] A waste heat boiler having a feed water container, which exercises the function of a steam collecting drum, preferably a low-pressure drum (12). The feed water container or the steam collecting drum, preferably a low-pressure drum (12) is connected via a condensate pump (20) to a condenser (19), and connected into a circulation system having at least one gravity pipe (28, 29), at least one heating surface (2, 3, 4, 5, 6) and at least one vertical-pipe (42), and possesses a water chamber as well as a steam chamber, by means of which the separation of the water/steam mixture into water and steam is undertaken. <IMAGE>

IPC 1-7
F22B 1/18

IPC 8 full level
F01K 23/10 (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP)
F01K 23/108 (2013.01); **F22B 1/1815** (2013.01)

Citation (examination)
- "Fossil beheizte Dampfkraftwerke", Verlag TÜV Rheinland, 1986, Seite 250, Bild 5.64.
- "Konzept und Aufbau von Dampfkraftwerken", Verlag TÜV Rheinland, 1985, Seite 350.
- "Grosse Dampfkraftwerke", Springer-Verlag, 1966, Seite 353.

Cited by
EP0919767A1; CN110127724A; US6109020A; CN107166351A; EP0777035A1; DE19544226B4; DE4409338A1; DE4409338C2; EP0764813A1; EP0425717A1; AU743481B2; EP0781960A3; US5840130A; EP3848659A1; FR3106198A1; US7074259B2; EP0894948A1; US9683733B2; US10451267B2; WO2015006548A1; WO9901697A1; WO9951916A1; WO2016116509A1; WO2011138116A3; US11859811B2; EP0981014A1; US6155054A; CN107208875A; KR20170105595A; JP2018503054A; JP2008151503A

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