

Title (en)

STEAM UNIT AND METHOD FOR OPERATING A STEAM UNIT

Title (de)

DAMPFGERÄT UND VERFAHREN ZUM BETREIBEN EINES DAMPFGERÄTS

Title (fr)

APPAREIL À VAPEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL À VAPEUR

Publication

**EP 3016566 A1 20160511 (DE)**

Application

**EP 13732580 A 20130702**

Priority

EP 2013063920 W 20130702

Abstract (en)

[origin: WO2015000504A1] A steam unit is proposed which comprises a clarified water preparation device (30), a steam generator (38) which is fluid-actively connected to the clarified water preparation device (30), a cleaning agent preparation device (34), a mixing device (76) for clarified water and cleaning agent, which mixing device is fluid-actively connected to the clarified water preparation device (30) and the cleaning agent preparation device (34), a discharging device (68) for fluid, and a control device (60), by means of which operating modes of the steam unit can be set, wherein, in a steam mode, steam can be discharged by the discharging device (68) and, in a cleaning agent mode, a mixture of clarified water and cleaning agent can be discharged, and wherein the control device (60) comprises a flushing unit (108) which, after the end of the cleaning agent mode, operates a flushing mode in which the discharging device (68) is flushed with clarified water.

IPC 8 full level

**A47L 11/40** (2006.01); **B08B 3/02** (2006.01); **B08B 9/00** (2006.01); **B08B 9/032** (2006.01)

CPC (source: EP US)

**A47L 9/248** (2013.01 - EP US); **A47L 11/34** (2013.01 - US); **A47L 11/4011** (2013.01 - US); **A47L 11/4075** (2013.01 - EP US); **A47L 11/4083** (2013.01 - EP US); **A47L 11/4086** (2013.01 - EP US); **A47L 11/4088** (2013.01 - US); **A47L 11/4094** (2013.01 - EP US); **B08B 3/026** (2013.01 - EP US); **B08B 9/0321** (2013.01 - EP US); **B08B 2203/0229** (2013.01 - EP US); **B08B 2230/01** (2013.01 - EP US)

Citation (search report)

See references of WO 2015000504A1

Cited by

US11986139B2; US11910977B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015000504 A1 20150108**; CN 105407775 A 20160316; CN 105407775 B 20190924; EP 3016566 A1 20160511; EP 3016566 B1 20221207; US 2016157693 A1 20160609

DOCDB simple family (application)

**EP 2013063920 W 20130702**; CN 201380077932 A 20130702; EP 13732580 A 20130702; US 201514982862 A 20151229