

Title (en)

Device for heating a heat distributor for washing machines in particular

Title (de)

Vorrichtung zum Aufheizen eines Wärmeträgers für insbesondere Wäschereimaschinen

Title (fr)

Dispositif de chauffage d'un caloporteur, en particulier pour machines de laverie

Publication

EP 2573480 B1 20200610 (DE)

Application

EP 12006484 A 20120914

Priority

- DE 102011114166 A 20110923
- DE 102012000302 A 20120110

Abstract (en)

[origin: EP2573480A2] The device has a burner (21), and a cylindrical housing enclosing a tubular heat exchanger (20) that comprises a flow channel (34) for a heat carrier. A heat pipe for generating thermal radiation influencing on the heat exchanger is arranged in an inner area enclosed by the heat exchanger, where the heat pipe is lighted by the burner. The heat pipe has a gas mantle made from heat-resistant fabric, braided fabric and/or lattice, where the heat-resistant fabric, braided fabric and/or lattice of the mantle is formed by high temperature-resistant fibers made from metal or ceramics.

IPC 8 full level

F24H 1/40 (2006.01); **F23D 14/12** (2006.01); **F24H 1/43** (2006.01)

CPC (source: EP US)

D06F 58/263 (2013.01 - EP US); **F23D 14/125** (2013.01 - EP); **F24H 1/406** (2013.01 - EP); **F24H 1/43** (2013.01 - EP US); **D06F 39/04** (2013.01 - EP US); **F23D 2203/005** (2013.01 - EP); **F23D 2203/1012** (2013.01 - EP); **F23D 2203/103** (2013.01 - EP); **F23D 2203/106** (2013.01 - EP)

Citation (examination)

- US 6140658 A 20001031 - JARVINEN PHILIP O [US]
- US 3847536 A 19741112 - LEPAGE L

Cited by

CN103469531A; CN114753110A

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

DOCDB simple family (publication)

EP 2573480 A2 20130327; **EP 2573480 A3 20180711**; **EP 2573480 B1 20200610**; DE 102012000302 A1 20130328; DE 102012000302 B4 20220714; DK 2573480 T3 20200914

DOCDB simple family (application)

EP 12006484 A 20120914; DE 102012000302 A 20120110; DK 12006484 T 20120914