

Title (en)

Continuous flow-heater for fluid, use of said continuous-flow heater and method of heating a workfluid in such a hydraulic circuit

Title (de)

Durchlauf-Erhitzer für eine Nutzflüssigkeit, Verwendung des Durchlauf-Erhitizers und Verfahren zum Erhitzen einer Nutzflüssigkeit in einer solchen hydraulischen Schaltung

Title (fr)

Chauffe eau pour des liquides, utilisation dudit chauffe-eau et méthode de chauffage d'un fluide dans un tel circuit hydraulique

Publication

EP 1892480 B1 20101124 (DE)

Application

EP 06017454 A 20060822

Priority

EP 06017454 A 20060822

Abstract (en)

[origin: EP1892480A1] The heater has a storage tank (1) accommodating heating liquid e.g. industrial water. A coaxial pipe-heat exchanger (2) is arranged in the storage tank and exhibits a coiled external pipe and an internal pipe. The liquid contained in the storage tank flows through the internal pipe. The liquid flows through a ring cross section between the internal pipe and the external pipe, and the internal pipe and external pipe are completely separated after liquid guide and connections.

IPC 8 full level

F24D 11/00 (2006.01); **F24D 17/00** (2006.01); **F24H 1/16** (2006.01); **F24H 1/20** (2006.01); **F28D 7/02** (2006.01); **F28D 20/00** (2006.01)

CPC (source: EP)

F24D 3/087 (2013.01); **F24D 11/002** (2013.01); **F24D 17/0084** (2013.01)

Citation (examination)

DE 102005019856 A1 20061116 - SUN SYSTEMS GMBH [AT]

Cited by

DE102011014641B4; CN110182020A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1892480 A1 20080227; **EP 1892480 B1 20101124**; AT E489587 T1 20101215; DE 502006008389 D1 20110105; PL 1892480 T3 20110531

DOCDB simple family (application)

EP 06017454 A 20060822; AT 06017454 T 20060822; DE 502006008389 T 20060822; PL 06017454 T 20060822