

Title (en)

SYSTEM FOR PROVIDING SOLAR HEATING FUNCTIONALITY TO A FLUID HEATING SYSTEM

Title (de)

SYSTEM ZUR BEREITSTELLUNG EINER SOLARHEIZFUNKTION FÜR EIN FLÜSSIGKEITSERHITZUNGSSYSTEM

Title (fr)

SYSTÈME DESTINÉ À FOURNIR UNE FONCTIONNALITÉ DE CHAUFFAGE SOLAIRE À UN SYSTÈME DE CHAUFFAGE DE FLUIDE

Publication

EP 2340403 A1 20110706 (EN)

Application

EP 09814178 A 20090913

Priority

- IL 2009000892 W 20090913
- US 9729808 P 20080916

Abstract (en)

[origin: WO2010032236A1] The present invention describes enhancement of non-solar water heating systems (such as systems that operate on gas, diesel fuel, or electricity energy) to work with solar heating panel as well. The retrofitable system addresses the need to provide a simple to install, cheap, and clean add-on solar panel and parts to existing non-solar based heating systems. The hot water extracted from the system has homogeneous temperature, and when water is not taken from the system the hot water are being collected in the existing boiler.

IPC 8 full level

F24S 10/30 (2018.01); **F24S 90/00** (2018.01)

CPC (source: EP US)

F24D 17/0068 (2013.01 - EP US); **F24D 19/1057** (2013.01 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02B 10/70** (2013.01 - EP US)

Citation (search report)

See references of WO 2010032236A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010032236 A1 20100325; AU 2009294228 A1 20100325; AU 2009294228 A8 20110609; EP 2340403 A1 20110706; US 2011168163 A1 20110714; ZA 201102718 B 20120627

DOCDB simple family (application)

IL 2009000892 W 20090913; AU 2009294228 A 20090913; EP 09814178 A 20090913; US 200913119159 A 20090913; ZA 201102718 A 20110412