

Title (en)  
DOMESTIC ENERGY SUPPLY SYSTEM

Title (de)  
HAUSENERGIEVERSORGUNGSANLAGE

Title (fr)  
INSTALLATION DOMESTIQUE D'ALIMENTATION EN ÉNERGIE

Publication  
**EP 2115283 A2 20091111 (DE)**

Application  
**EP 07817439 A 20070823**

Priority  
• DE 2007001508 W 20070823  
• DE 102006040147 A 20060826

Abstract (en)  
[origin: DE102006040147A1] The system (1) has a heat engine (8) with a fluid-circuit having two reservoirs (9, 10) thermally connected with a solar heat energy source (2), geothermal energy source (3), house heating energy source(4), ground heat sinks (5, 6) or heating reverse heat sink (7). An operating temperature difference between the reservoirs of 10 to 200 degrees is adjusted with an operating temperature of 30 to 280 degrees. The engine has a hybrid-motor (11), where a pressure difference of a fluid is utilized to a drive based on the operating temperature difference in the hybrid motor and a fuel is burned. An independent claim is also included for a method for operating a house power supply system.

IPC 8 full level  
**F01K 3/10** (2006.01); **F01K 25/10** (2006.01); **F01K 25/14** (2006.01); **F02B 21/00** (2006.01); **F02B 33/44** (2006.01); **F15B 1/02** (2006.01); **F22B 1/02** (2006.01); **F24D 18/00** (2022.01)

CPC (source: EP US)  
**F01K 3/10** (2013.01 - EP US); **F01K 25/10** (2013.01 - EP US); **F01K 25/14** (2013.01 - EP US); **F22B 1/028** (2013.01 - EP US); **F24D 18/00** (2022.01 - EP US); **F02B 21/00** (2013.01 - EP US); **F02B 39/02** (2013.01 - EP US); **F24D 2101/10** (2022.01 - EP US); **F24D 2101/30** (2022.01 - EP US); **F24D 2101/70** (2022.01 - EP US); **F24D 2101/80** (2022.01 - EP US); **F24D 2103/17** (2022.01 - EP US); **F24D 2200/06** (2013.01 - EP US); **F24D 2200/12** (2013.01 - EP US); **F24D 2200/14** (2013.01 - EP US); **F24D 2200/16** (2013.01 - EP US); **F24S 10/00** (2018.04 - EP US); **F24T 10/00** (2018.04 - EP US); **F24V 50/00** (2018.04 - EP US); **F28D 21/00** (2013.01 - EP US); **H01M 2250/405** (2013.01 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02B 10/40** (2013.01 - EP US); **Y02B 10/70** (2013.01 - EP US); **Y02B 30/52** (2013.01 - EP US); **Y02B 90/10** (2013.01 - EP US); **Y02E 10/10** (2013.01 - EP US); **Y02E 10/46** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008025334A2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102006040147 A1 20080228**; **DE 102006040147 B4 20130704**; AU 2007291715 A1 20080306; EP 2115283 A2 20091111; US 2009205335 A1 20090820; WO 2008025334 A2 20080306; WO 2008025334 A3 20091105

DOCDB simple family (application)  
**DE 102006040147 A 20060826**; AU 2007291715 A 20070823; DE 2007001508 W 20070823; EP 07817439 A 20070823; US 43898907 A 20070823