

Title (en)
FLUID SOLAR HEATING SYSTEM

Title (de)
FLUIDSOLARHEIZSYSTEM

Title (fr)
SYSTÈME DE CHAUFFAGE SOLAIRE DE FLUIDE

Publication
EP 3186567 A4 20180516 (EN)

Application
EP 15835583 A 20150824

Priority
• IL 23430814 A 20140826
• IL 2015050846 W 20150824

Abstract (en)
[origin: WO2016030882A2] A heating system comprising a non-flat transparent housing comprising walls made of heat isolating material; a tank within the housing for receiving liquid; a platform laid on the ground; legs holding the tank on the platform; light-absorbent and heat conductive fins coupled to the tank, and a cold fluid inlet with a non-return valve therein, and a hot water fluid, the inlet and outlet extending from the tank to outside the housing; means to transfer heated air from inside the housing to outside the housing.

IPC 8 full level
F24S 60/30 (2018.01); **C02F 1/14** (2006.01); **F24S 10/00** (2018.01); **F24S 23/00** (2018.01); **F24S 40/10** (2018.01)

CPC (source: EP US)
F24S 10/20 (2018.04 - EP US); **F24S 40/10** (2018.04 - EP); **F24S 60/30** (2018.04 - EP US); **F24S 70/65** (2018.04 - EP); **F24S 80/60** (2018.04 - EP); **F24S 2010/751** (2018.04 - EP); **Y02B 10/20** (2013.01 - EP); **Y02E 10/44** (2013.01 - EP)

Citation (search report)
• [Y] DE 19517471 A1 19960111 - SAILER BERT [DE]
• [Y] DE 3214765 A1 19831103 - SOLAR DIAMANT SYST [DE]
• [Y] JP S60101451 A 19850605 - MITSUBISHI ELECTRIC CORP, et al
• [Y] CN 2483665 Y 20020327 - LU GUOLIN [CN]
• [Y] WO 2007040389 A1 20070412 - ECONCERN B V [NL], et al
• [Y] DE 2911571 A1 19790927 - HELIHOMME SA
• [Y] US 4416257 A 19831122 - BALE NEVILLE R [AU]
• See references of WO 2016030882A2

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)
WO 2016030882 A2 20160303; **WO 2016030882 A3 20170420**; EP 3186567 A2 20170705; EP 3186567 A4 20180516; IL 234308 A 20150831

DOCDB simple family (application)
IL 2015050846 W 20150824; EP 15835583 A 20150824; IL 23430814 A 20140826