

Title (en)  
EFFICIENT FORCED AIR HEATER

Title (de)  
EFFIZIENTER HEISSLUFTERHITZER

Title (fr)  
CHAUFFAGE À AIR FORCÉ EFFICACE

Publication  
**EP 2583029 A4 20131120 (EN)**

Application  
**EP 11796278 A 20110614**

Priority  
• US 35495410 P 20100615  
• US 2011040286 W 20110614

Abstract (en)  
[origin: US2011303211A1] Provided is a forced air heater. The forced air heater may comprise a housing defining a duct. The duct may be adapted for a flow of fluid therethrough. The heater may be adapted to provide a flow of fluid through the duct that is substantially laminar or transient.

IPC 8 full level  
**F22B 37/00** (2006.01); **F24H 3/04** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP US)  
**F24H 3/0488** (2013.01 - EP US); **F24H 9/0068** (2013.01 - EP US); **F23D 2900/21003** (2013.01 - EP US); **Y02B 30/00** (2013.01 - EP US)

Citation (search report)  
• [X] US 2008178860 A1 20080731 - SCHWANK BERND [DE], et al  
• [X] EP 0990854 A2 20000405 - SANYO ELECTRIC CO [JP]  
• [A] WO 2008036515 A2 20080327 - STORM DEV LLC [US], et al  
• See references of WO 2011159662A1

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)  
**US 2011303211 A1 20111215**; CA 2802805 A1 20111222; CN 103097816 A 20130508; EP 2583029 A1 20130424; EP 2583029 A4 20131120; WO 2011159662 A1 20111222

DOCDB simple family (application)  
**US 201113159700 A 20110614**; CA 2802805 A 20110614; CN 201180039318 A 20110614; EP 11796278 A 20110614; US 2011040286 W 20110614