

Title (en)
Combustion system

Title (de)
Verbrennungssystem

Title (fr)
Système de combustion

Publication
EP 2012070 A3 20120718 (EN)

Application
EP 08010142 A 20080604

Priority
TW 96210759 U 20070702

Abstract (en)
[origin: EP2012070A2] A combustion system includes: a furnace housing (11) defining a combustion chamber (111) therein and having a gas outlet (112) in fluid communication with the combustion chamber (111); a plenum housing (61) surrounding and cooperating with the furnace housing (11) to define a plenum chamber (601) therebetween, and having an air inlet (611) and an air outlet (603) which are in fluid communication with the plenum chamber (601); and a heat exchanger housing (51) disposed outwardly of the plenum housing (61) and having an air inlet (501) in fluid communication with the air outlet (603) of the plenum housing (61), an air outlet (502), a gas inlet (503) in fluid communication with the gas outlet (112) of the furnace housing (11), and a gas outlet (504).

IPC 8 full level
F24H 1/36 (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP KR)
F24H 3/00 (2013.01 - KR); **F24H 3/087** (2013.01 - EP); **F24H 9/0063** (2013.01 - EP); **F24H 9/0068** (2013.01 - EP); **F26B 23/02** (2013.01 - EP)

Citation (search report)

- [X] US 1943053 A 19340109 - BOLSETT CHARLES L
- [I] US 6694968 B1 20040224 - DIENNER JACOB [US], et al
- [I] GB 1044591 A 19661005 - TERMICODEKA INC

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2012070 A2 20090107; **EP 2012070 A3 20120718**; KR 20090004619 A 20090112; TW M323585 U 20071211

DOCDB simple family (application)
EP 08010142 A 20080604; KR 20080062674 A 20080630; TW 96210759 U 20070702