

Title (en)
Chimney system

Title (de)
Kaminsystem

Title (fr)
Système de cheminée

Publication
EP 2083218 A3 20141126 (DE)

Application
EP 09000875 A 20090122

Priority
DE 102008005542 A 20080122

Abstract (en)
[origin: EP2083218A2] The system has an outer chimney tube (10) formed from a plastic material with a specific diameter (D1). An inner chimney tube (20) is formed from the plastic material with another diameter (D2), where the diameter (D2) is smaller than the diameter (D1). The inner chimney tube is arranged in an inner side of the outer chimney tube. Combustion gases (40) are transported in an annular gap (30) between the inner and outer chimney tubes, and fresh air (42) is transported in the inner chimney tube. The combustion gases are condensed by heat transfer on the fresh air at the chimney inner tube. An independent claim is also included for a method for operating a heating system comprising a boiler with burner, and a chimney system.

IPC 8 full level
F23J 13/02 (2006.01)

CPC (source: EP)
F23J 13/025 (2013.01); **F23J 2213/101** (2013.01); **F23J 2213/202** (2013.01); **F23J 2213/302** (2013.01); **F23J 2900/13004** (2013.01)

Citation (search report)

- [XYI] DE 20007420 U1 20000629 - FRANKE THOMAS [DE]
- [Y] NL 8502173 A 19870302 - BRONSWERK BV
- [Y] WO 9504246 A1 19950209 - WUNSCH HORST [CH]
- [XI] DE 19802417 C1 19990512 - CENTRO THERM ABGASTECHNIK GMBH [DE]
- [X] DE 4331194 C1 19941006 - BRAAS GMBH [DE]
- [A] US 2004173203 A1 20040909 - HENRY DANIEL S [US], et al
- [A] DE 29516284 U1 19951221 - KRAUSS KAMINWERKE MUENCHEN GEI [DE]

Cited by
BE1027093B1; EP2385302A1; EP2469166A1; BE1019666A5; WO2011138436A1

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2083218 A2 20090729; EP 2083218 A3 20141126; DE 102008005542 A1 20090723

DOCDB simple family (application)
EP 09000875 A 20090122; DE 102008005542 A 20080122