

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)

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Designated contracting state (EPC)  
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Designated extension state (EPC)  
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