

Title (en)  
FIREWOOD BOILER

Title (de)  
SCHEITHOLZKESSEL

Title (fr)  
CHAUDIÈRE À BOIS

Publication  
**EP 2578934 A4 20151028 (EN)**

Application  
**EP 11786850 A 20110519**

Priority  
• KR 20100049814 A 20100527  
• KR 2011003726 W 20110519

Abstract (en)  
[origin: EP2578934A2] The present invention relates to a firewood boiler, comprising: a boiler main body including a feeding hole through which wood fuel and air for combustion are fed, a smoke exhaust hole defined in the top thereof so as to be connected to an exhaust pipe, an air inlet defined adjacent to the smoke exhaust hole, and a heating-water store in which heating water is stored; a main opening/closing unit installed on the boiler main body to open and close the feeding hole and selectively supply and block the entry of outside air into the boiler main body when the feeding hole is closed; an auxiliary opening/closing unit for supplying outside air into the boiler main body when the entry of outside air is blocked by the main opening/closing unit; a temperature sensor for sensing the temperature of the heating water; and a control unit for controlling the inflow and blocking of air by means of the main opening/closing unit on the basis of information on the temperature sensed by the temperature sensor. The heating water store is integrally formed along the entirety of the boiler main body, and the auxiliary opening/closing unit maintains a pilot flame for the wood fuel by supplying outside air into the boiler main body when the main opening/closing unit blocks the entry of outside air. Thus, a firewood boiler may be provided that can be safely used for a long period of time without extinguishing a pilot flame.

IPC 8 full level  
**F23B 60/00** (2006.01); **F23N 3/00** (2006.01); **F23N 3/04** (2006.01); **F24H 1/24** (2006.01)

CPC (source: EP US)  
**F23B 10/02** (2013.01 - EP US); **F23B 60/00** (2013.01 - EP US); **F23L 3/00** (2013.01 - EP US); **F23L 17/005** (2013.01 - US); **F23N 3/04** (2013.01 - EP US); **F24H 1/0063** (2013.01 - EP US); **F24H 1/26** (2013.01 - EP US); **F24H 9/2057** (2013.01 - EP US); **F24H 15/156** (2022.01 - EP US); **F24H 15/223** (2022.01 - EP US); **F24H 15/246** (2022.01 - EP US); **F24H 2230/02** (2013.01 - EP US)

Citation (search report)  
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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)  
**EP 2578934 A2 20130410; EP 2578934 A4 20151028**; CA 2800473 A1 20111201; CA 2800473 C 20150414; JP 2013531775 A 20130808; JP 5723974 B2 20150527; KR 101006146 B1 20110107; US 2013068174 A1 20130321; WO 2011149217 A2 20111201; WO 2011149217 A3 20120405

DOCDB simple family (application)  
**EP 11786850 A 20110519**; CA 2800473 A 20110519; JP 2013512526 A 20110519; KR 20100049814 A 20100527; KR 2011003726 W 20110519; US 201113700186 A 20110519