

Title (en)  
Pellet-burning heating apparatus

Title (de)  
Heizvorrichtung zum Verbrennen von Pellets

Title (fr)  
Appareil de chauffage brûlant des pellets

Publication  
**EP 2354654 A1 20110810 (EN)**

Application  
**EP 11000378 A 20110119**

Priority  
IT MI20100084 A 20100125

Abstract (en)  
A pellet-burning heating apparatus, includes a pellet feeding means adapted to feed a combustion chamber which includes a firebox and a discharge circuit for the exhaust gases and the hot combustion gases which is connected to the combustion chamber. The apparatus includes a system for automatic control of the feeding of pellets, constituted by a means for measuring the pressure of the exhaust gases, a means for measuring the temperature of the exhaust gases and an electronic control means adapted to process the data originating from the measurement means and to operate so as to modify the feeding rate of the pellets.

IPC 8 full level  
**F23G 5/50** (2006.01); **F23G 7/10** (2006.01); **F23N 1/06** (2006.01); **F23N 3/00** (2006.01)

CPC (source: EP)  
**F23G 5/50** (2013.01); **F23G 7/105** (2013.01); **F23N 1/062** (2013.01); **F23N 3/002** (2013.01); **F23N 1/06** (2013.01); **F23N 3/00** (2013.01); **F23N 2241/02** (2020.01)

Citation (search report)

- [A] EP 1967791 A2 20080910 - MANACATION AB OY [FI]
- [A] US 5873356 A 19990223 - VOSSLER JEFFREY L [US], et al
- [A] US 6055915 A 20000502 - BICKELL ROY A [CA], et al
- [A] WO 2006081600 A1 20060810 - CALIMAX ENTWICKLUNGS & VERTRIE [AT], et al

Cited by  
IT201800002922A1; ITVR20130179A1; EP2850946A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2354654 A1 20110810**; IT 1397747 B1 20130124; IT MI20100084 A1 20110726

DOCDB simple family (application)  
**EP 11000378 A 20110119**; IT MI20100084 A 20100125