

Title (en)  
Boiler for solid bio fuel

Title (de)  
Heizkessel für Bio-Festbrennstoffe

Title (fr)  
Chaudière pour combustibles solides biologiques

Publication  
**EP 1830126 B1 20081008 (DE)**

Application  
**EP 07003972 A 20070227**

Priority  
DE 102006009335 A 20060301

Abstract (en)  
[origin: EP1830126A1] The boiler has a housing (1) with a fuel filling chamber (2) including a primary air supply (4), and an ash collecting chamber (6) arranged under the filling chamber, where the collecting chamber is divided by an intermediate base (9). A gasification and firing zone (3) in the base is designed in the form of a falling flow duct (8), and is guided to the collecting chamber. A burnout channel (13) leading into the collecting chamber and oriented transverse to an axis of the duct is detached from a lower end of the duct, where the channel is designed in a main flow direction in a curved manner.

IPC 8 full level  
**F23B 50/06** (2006.01); **F23B 80/00** (2006.01); **F24B 5/04** (2006.01)

CPC (source: EP)  
**F23B 5/04** (2013.01); **F23B 7/005** (2013.01); **F23B 50/06** (2013.01); **F23B 80/00** (2013.01); **F24B 5/04** (2013.01)

Cited by  
CN101813327A; EP2012063A1; EP2221540A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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DE 502007000148 D1 20081120; DK 1830126 T3 20090119; PL 1830126 T3 20090130; RU 2007133013 A 20090310

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DK 07003972 T 20070227; PL 07003972 T 20070227; RU 2007133013 A 20070904