

Title (en)
Solid fuel boiler

Title (de)
Festbrennstoffkessel

Title (fr)
Chaudière à combustible solide

Publication
EP 1970623 A3 20090107 (EN)

Application
EP 08152357 A 20080306

Priority
IT MN20070006 A 20070314

Abstract (en)
[origin: EP1970623A2] A solid fuel boiler (1), comprising a wall (3) provided with an interspace (4) for containing a fluid to be heated, which is adapted to delimit a portion of space which comprises a burner (5) provided with a grille (6) which divides the portion of space into an upper region (8) for containing the fuel and a lower region which comprises a combustion chamber (9) and heat exchange surfaces (10), a protection shield (14) being provided which is located directly above the grille (6) of the burner (5) at a suitable distance therefrom.

IPC 8 full level
F23B 50/06 (2006.01); **F23B 50/08** (2006.01); **F23B 99/00** (2006.01); **F24H 1/26** (2006.01)

CPC (source: EP)
F23B 1/08 (2013.01); **F23B 50/06** (2013.01); **F23B 50/08** (2013.01); **F24H 1/26** (2013.01); **F24H 2230/00** (2013.01)

Citation (search report)

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- [Y] US 5617841 A 19970408 - WHITFIELD OLIVER J [US], et al
- [A] US 4516534 A 19850514 - JAHIER GIOVANNI [IT]
- [A] EP 0154956 A2 19850918 - UNICAL SPA [IT]
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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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EP 08152357 A 20080306; IT MN20070006 A 20070314