

Title (en)
WOOD FUELLED HEATING STOVE

Title (de)
MIT HOLZ BETRIEBENER HEIZOFEN

Title (fr)
FOURNEAU DE CHAUFFAGE ALIMENTÉ AU BOIS

Publication
EP 2912382 A4 20160629 (EN)

Application
EP 13848580 A 20131024

Priority

- AU 2012904682 A 20121026
- AU 2013901350 A 20130417
- AU 2013001237 W 20131024

Abstract (en)

[origin: WO2014063200A2] A wood fuelled heating stove including: a stove portion having a stove chamber therein and an fine mesh charcoal basket dividing the stove chamber into upper and lower chambers; a reduction portion having a primary combustion chamber therein and at least partly within the upper chamber of the stove chamber and having a primary grating vertically separating the primary combustion chamber from the upper chamber; an air jacket surrounding at least some of the primary combustion chamber and having a plurality of ports providing fluid communication between the primary combustion chamber and the air jacket and a primary grating providing limited flow of mobile solids and fluid between the primary combustion chamber and the stove chamber; an air passage providing fluid communication from the outside of the stove chamber to the air jacket and to the inside of the stove chamber; and a flue passage providing fluid communication from the lower chamber of the stove chamber to a flue outlet at a level above the primary combustion chamber and upper level of the stove chamber.

IPC 8 full level
F24B 5/04 (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP US)
F24B 1/02 (2013.01 - US); **F24B 5/026** (2013.01 - EP US); **F24B 5/04** (2013.01 - EP US)

Citation (search report)

- [X] US 4182304 A 19800108 - MELE PETER [US]
- [I] FR 410042 A 19100509 - ADOLF PLISCHKE [DE]
- [A] DE 3718022 C1 19881110 - KERNFORSCHUNGSANLAGE JUELICH
- [I] DE 232627 C
- [A] DE 20203110 U1 20020508 - STAHL UND APPBAU SPECHT OHG [DE]
- [I] US 4677965 A 19870707 - DUERICHEN JOHANN G [CA]
- See references of WO 2014063200A2

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)
WO 2014063200 A2 20140501; WO 2014063200 A3 20140619; AU 2013334488 A1 20150611; CA 2886781 A1 20140501;
CN 104870903 A 20150826; EP 2912382 A2 20150902; EP 2912382 A4 20160629; US 2015292746 A1 20151015

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AU 2013001237 W 20131024; AU 2013334488 A 20131024; CA 2886781 A 20131024; CN 201380056193 A 20131024;
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