

Title (en)

Hearth for solid fuel stove and stove incorporating such hearth

Title (de)

Feuerstelle für feste Brennstoffe und Ofen mit solcher Feuerstelle

Title (fr)

Foyer pour combustible solide et poêle avec un tel foyer

Publication

EP 2302303 A1 20110330 (EN)

Application

EP 10174979 A 20100901

Priority

IT TO20090673 A 20090901

Abstract (en)

This invention relates to a hearth (15) for solid fuel stoves comprising a combustion chamber (17) defined within an enclosure (29) which is open at the top and is provided with a device (33) having a moving transfer unit (35) for the removal of combustion wastes and ash. According to the invention, the device (33) is directly and at least partly located within combustion chamber (17) so that the moving transfer unit (35) penetrates at least partly within the said combustion chamber (17) and removes the combustion wastes and ash directly from the combustion bed. This invention may advantageously be applied to both pellet stoves and biomass stoves.

IPC 8 full level

F24B 1/191 (2006.01); **F24B 13/00** (2006.01)

CPC (source: EP)

F23B 50/12 (2013.01); **F23B 60/02** (2013.01); **F23J 1/06** (2013.01); **F24B 1/1915** (2013.01); **F24B 13/006** (2013.01); **F23J 2900/01009** (2013.01)

Citation (applicant)

EP 1443272 A1 20040804 - PALAZZETTI LELIO SPA [IT]

Citation (search report)

- [XYI] DE 3524961 A1 19870122 - ACKERMANN KARL
- [X] DE 968696 C 19580320 - STREBELWERK GMBH
- [X] GB 2007811 A 19790523 - COAL INDUSTRY PATENTS LTD
- [IY] EP 1443272 A1 20040804 - PALAZZETTI LELIO SPA [IT]

Cited by

IT202200002402A1; CN106765227A; CN106765226A; IT202200002390A1; CN102734839A; ES2535551A1; IT201900000899A1; CN106642209A; JP2017150792A; WO2014033102A3; WO2014033100A3

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2302303 A1 20110330; IT 1395554 B1 20120928; IT TO20090673 A1 20110302

DOCDB simple family (application)

EP 10174979 A 20100901; IT TO20090673 A 20090901