

Title (en)

SOLID FUEL BURNER WITH RECIPROCATING FUEL FEEDING SYSTEM

Title (de)

FESTBRENNSTOFF-BRENNER MIT HIN- UND HERBEWEGENDEM BRENNSTOFFFÖRDERSYSTEM

Title (fr)

BRÛLEUR À COMBUSTIBLE SOLIDE AVEC UN SYSTÈME DE DÉPLACEMENT LONGITUDINAL ALTERNATIF

Publication

EP 3182004 A1 20170621 (EN)

Application

EP 15386030 A 20151215

Priority

EP 15386030 A 20151215

Abstract (en)

The present invention provides an improved solid fuel burner and more particularly a high efficiency burner comprising a combustion chamber having a grate plate (4) at the bottom thereof and a reciprocating fuel feeding system (5, 6, 7) for feeding the fuel material in the combustion chamber and simultaneously cleaning said combustion chamber from the accumulated ash and residue of combustion, and applications thereof for domestic and industrial use.

IPC 8 full level

F23K 3/16 (2006.01)

CPC (source: EP)

F23K 3/00 (2013.01); **F23K 2203/203** (2013.01)

Citation (search report)

- [XYI] GB 1027442 A 19660427 - SECCACIER
- [YA] US 2563688 A 19510807 - MILLER GEORGE N

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 3182004 A1 20170621

DOCDB simple family (application)

EP 15386030 A 20151215