

Title (en)

BIOMASS STOVE APPARATUS AND METHOD FOR ITS USE

Title (de)

BIOMASSEOFENVORRICHTUNG UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)

APPAREIL DE COMBUSTION UTILISANT LA BIOMASSE ET SON PROCEDE D'UTILISATION

Publication

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Application

EP 09768244 A 20090720

Priority

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Abstract (en)

[origin: WO2010029567A2] A biomass stove comprising: an outer container; an inner combustion chamber for fuel being housed inside said outer container; and a fan for supplying air to the stove as a primary air supply to the bottom of the combustion chamber and a secondary air supply at or adjacent to the top of the combustion chamber; in which the combustion chamber comprises corrosion resistant and high temperature resistant, ceramic material; and the stove further comprises : a regulator for regulating the flow primary air supply and secondary air supply; and a grate at the bottom of the combustion chamber, for supporting fuel in the combustion chamber and being adjustable in height with respect to the bottom of the combustion chamber to accommodate fuel in the combustion chamber from the grate and up to the top or to near the top of the combustion chamber. The present invention also provides a method for operating such a biomass stove.

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