

Title (en)

Method for cleaning the brazier of a heating apparatus

Title (de)

Verfahren zur Reinigung des Rostes eines Heizgeräts

Title (fr)

Methode de nettoyage de l'âtre d'un appareil de chauffage

Publication

EP 2144001 B1 20140917 (EN)

Application

EP 09425188 A 20090515

Priority

IT VI20080167 A 20080711

Abstract (en)

[origin: EP2144001A1] A device for cleaning the brazier (21) of heating apparatus, suitable to be fed with solid fuels such as wood, wood pellets and/or oily seeds, like seeds of maize, barley, pumpkin, cereal, etc., and/or biomasses in general, which are measured and mixed before being conveyed inside the brazier (21) of the combustion chamber (22) of a boiler body (16) of the heating apparatus; in particular, the brazier (21) is made in the shape of a basket and presents a horizontal axis (27), around which it rotates at a predetermined time intervals. From the horizontal axis (27) of the brazier (21) depart a plurality of arms (28), radially arranged, which, during the rotary motion, move the unburnt part of the solid fuel from the inner walls of the brazier (21), so that the same cannot solidify on the aforesaid inner walls, but is forced to completely burn or fall, in the form of ash, into a collection container (17) placed below the brazier (21).

IPC 8 full level

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CPC (source: EP)

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Cited by

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