

Title (en)

COOKING AND HEATING STOVE FUELLED BY PELLET OR BIOMASS GRAIN APT TO COOK AND TO HEAT WATER FOR DOMESTIC HEATING

Title (de)

MIT PELLETS ODER BIOMASSEKÖRNERN BETRIEBENER KOCH- UND HEIZOFEN ZUM KOCHEN UND ERHITZEN VON WASSER FÜR HAUSHALTSHEIZUNGEN

Title (fr)

CUISINIÈRE DE CUISSON ET DE CHAUFFAGE ALIMENTÉE EN GRANULES OU EN GRAINS DE BIOMASSE CONÇUE DE MANIÈRE À CUIRE ET À CHAUFFER DE L'EAU POUR LE CHAUFFAGE DOMESTIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011161268A2] Cooking and heating stove fuelled by pellet or biomass grain apt to cook and to heat water for domestic heating comprising a hearth fuelled by pellets or biomass grains, at least one plate to cook food and two heat exchangers to heat water for domestic heating wherein the cooking plate is located above the hearth fuelled by pellets or biomass grains, said two heat exchangers are positioned at the sides of the cooking plate, that on one side of said heat exchangers two inclined deflection plate are mounted that forces the combustion fumes to go up to touch the cooking plate and then to flow on the heat exchangers, the heat exchangers are two bundles with parallel pipes, on said pipes of said bundle heat exchangers at least one fixed deflection plate is located, said fixed deflection plates are perpendicular to said pipes of said bundle heat exchangers, each fixed deflection plate has a unique gateway that is positioned above or below each pipe bundle.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011161268A2

Citation (examination)

- CN 201110568 Y 20080903 - MINGSHENG HU [CN]
- CN 201281371 Y 20090729 - JIANKAI LUO [CN]
- CN 2564891 Y 20030806 - ZENG RUILIN [CN]
- DE 10002201 A1 20000720 - RIENER KARL STEFAN [AT]

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