

Title (en)
LOCAL HEATING INSTALLATION

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Application
EP 82110577 A 19821116

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Abstract (en)
[origin: US4526319A] A heating installation for local use is disclosed which is to be operated by aggregate fuel having both direct and indirect thermal emission, with a reactor receiving the combustion chamber, and a waste-heat flue above the reactor as well as an outer heat accumulator case, wherein a waste-heat flue is disposed in the space above the reactor and which flue is essentially developed by having a helical elevation between an outer heat accumulator case and an inner heat accumulator case, while air channels are formed opening into the inner space of the air space to be heated between the reactor case which is made of metal encircling directly the reactor case and the outer heat accumulator case which is connected with at least one, adherent part of the combustion chamber, while it is also connected with the air space to be heated, wherein both the outer and inner heat accumulator cases are of hollow walls, and are fitted together from ring-shaped ceramic modular elements, wherein the modular elements have section-shaped distance rings arranged fitted together in pairs and filled with sand and provided with interruptions for the continuous elevation of the waste-heat flue without change of direction.

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