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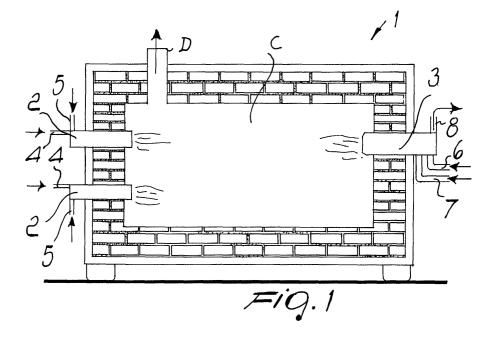
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(54) Intermittent combustion kiln, particularly for ceramic articles

(57) An intermittent combustion kiln, particularly for ceramic articles, comprising a chamber (C) for thermal treatment of the articles, which is provided with a plurality of first burners (2), with a circuit for aspirating and evacuating the exhaust gases generated during the thermal treatment, and with at least one second regenerative-type burner (3) with heat recovery of the exhaust gases of the chamber, which is adapted to introduce in the chamber (C) hot combustion gases and to aspirate

from the chamber the exhaust gases, recovering their residual heat, the second regenerative-type burner being provided with at least one regenerative exchanger which is connected to the chamber, which is associable with at least one intake (7) for comburent air and with at least one outlet (8) for the cold exhaust gases, and is adapted to be crossed alternately by the exhaust gases of the chamber, accumulating their residual heat, and by the incoming comburent air, transferring thereto the accumulated heat.





EUROPEAN SEARCH REPORT

Application Number

EP 01 12 7369

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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