

Title (en)

METHOD FOR HEATING PRODUCTS IN AN ENCLOSURE AND BURNER FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUR ERHITZUNG VON PRODUKTEN IN EINEM RAUM UND BRENNER DAFÜR

Title (fr)

PROCEDE DE CHAUFFAGE DE PRODUITS DANS UNE ENCEINTE ET BRULEUR POUR LA MISE EN OEUVRE DE CE PROCEDE

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Application

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Abstract (en)

[origin: FR2774745A1] The invention concerns a method for heating products in a chamber, by a burner housed in the wall thereof optionally via a directly mounted port. Separate fuel gas and oxidant gas streams are introduced in the burner respective conduits (1, 2), separately transmitted to separate chambers (3, 4) for equalising the pressure levels of the two gas streams and separately evacuated, by outlet conduits (5, 6) emerging into the chamber through two respective adjacent slots (7, 8), in the form of adjacent laminar flows, beneath the flame; the two gases being only partially mixed, the flame profile has a zone where the oxidant is in excess, thus in turn determining an oxidant zone, and a zone where the oxidant is lacking, determining in turn a reducing zone.

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