

Title (en)

METHOD AND PLANT FOR THE THERMAL TREATMENT OF GRANULAR SOLIDS IN A FLUIDIZED BED

Title (de)

VERFAHREN UND ANLAGE ZUM THERMISCHEN BEHADELN VON PARTIKELFÖRMIGEN FESTSTOFF IN EINEM WIRBELSCHICHTBETT

Title (fr)

PROCEDE ET EQUIPEMENT POUR LE TRAITEMENT THERMIQUE DE SOLIDES GRANULAIRES DANS UN LIT FLUIDISE

Publication

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Application

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Abstract (en)

[origin: WO2004056471A1] This invention relates to a method for the thermal treatment of granular solids in a fluidized bed (3, 3a) which is located in a fluidized-bed reactor (1, 1a, 38), wherein microwave radiation is fed into the fluidized-bed reactor (1, 1a, 38) through at least one wave guide (5, 46), and to a corresponding plant. To avoid depositions in the wave guide (5, 46), a gas stream is fed into the fluidized-bed reactor (1, 1a, 38) through the same wave guide (5, 46).

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