

Title (en)

REACTOR FOR HEATING AND TREATING MATERIALS IN A CONTROLLED ATMOSPHERE

Title (de)

REAKTOR ZUR ERHITZUNG UND BEHANDLUNG VON MATERIALIEN IN EINER KONTROLLIERTEN ATMOSPHERE

Title (fr)

REACTEUR POUR LE RECHAUFFEMENT ET LE TRAITEMENT DE MATERIAUX EN ATMOSPHERE CONTROLEE

Publication

**EP 0800640 A1 19971015 (EN)**

Application

**EP 95938429 A 19951107**

Priority

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- IT TO941078 A 19941228

Abstract (en)

[origin: WO9620381A1] A reactor comprises a reaction chamber (1) into the upper part of which a first preheated material is introduced. A second material, which may comprise solid, liquid and/or gaseous constituents, is introduced into the lower part of the chamber (1), at different locations and in different amounts. The solid materials on the floor of the chamber are stirred, made to advance towards discharge means (17) and indirectly heated by devices (3) rotating within the chamber (1), which devices (3) are heated while being in the upper part of the chamber (1) and yield heat to the materials while being in the lower part of the chamber (1).

IPC 1-7

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