

Title (en)

REACTOR THEREFOR FOR TREATING A SOLID MATERIAL WITH A NOXIOUS GAS OR GAS MIXTURE

Title (de)

REAKTOR ZUR BEHANDLUNG EINES FESTEN STOFFES MIT EINEM GAS ODER EINER SCHÄDLICHEN GASMISCHUNG SOWIE EINE ANLAGE, DIE DEN REAKTOR ENTHÄLT

Title (fr)

REACTEUR LE COMPRENANT POUR LE TRAITEMENT D'UNE MATIERE SOLIDE PAR UN GAZ OU UN MELANGE GAZEUX NOCIF

Publication

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Application

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Abstract (en)

[origin: WO0174481A1] The invention concerns a reactor operating in accordance with countercurrent and multiple effect principles. It preferably comprises means for inputting gas, means for extracting gases derived from the treatment, means for introducing the material to be treated and means for removing the treated material, and means for transporting the material between its introduction and its removal, the means for introducing the gas and the means for removing the treated material being designed and arranged so that the gas is introduced into the reactor at the outlet for the treated material, and the means for extracting gases derived from the treatment and means for introducing the material to be treated being designed and arranged so that the gas mixture derived from the treatment is at the intake for the material to be treated. Figure 2 shows the reaction chamber (1) comprising sealed cells (2) where the multiple effect occurs.

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