

Title (en)
REVOLVING FURNACE FOR THE TREATMENT OF WORK PIECES

Title (de)
RUNDTAKTOFEN ZUM BEHANDELN VON WERKSTÜCKEN

Title (fr)
FOUR ROTATIF POUR TRAITEMENT DE PIECES

Publication
EP 0922120 A1 19990616 (DE)

Application
EP 97934473 A 19970716

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• EP 9703805 W 19970716

Abstract (en)
[origin: US5997290A] A furnace body (10) houses a treatment rotor (30) which has charge locations (36) to take up a workpiece charge each and is supported so as to be driven in rotation around a central axis (A). The furnace body (10) communicates with side chambers (110, 110') equipped to receive a workpiece charge each from the treatment rotor (30) and to deliver it to the same, respectively. A lock rotor (60) likewise arranged in the furnace body (10) and adapted to be driven in rotation about the central axis (A) comprises at least two lock chambers (64) which are offset angularly relative to each other with respect to the central axis (A). The lock chambers (64) are opened alternately to the surroundings of the furnace body (10) and to a side chamber (110, 110') for reception and delivery of a workpiece charge each. Transfer apparatus (12) are provided for translating a respective workpiece charge between one each of the aforementioned chambers (64, 110, 110') and the treatment rotor, at least one those apparatus being designed for translating a workpiece charge each between the lock rotor (60) and the treatment rotor (30).

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C21D 9/00; F27B 9/16

IPC 8 full level
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