

Title (en)  
FURNACE FOR PROCESSING AND RECOVERING ORGANIC AND INORGANIC MATERIAL BY MEANS OF A DRY METHOD, AND METHOD THEREFOR

Title (de)  
OFEN FÜR DIE BEHANDLUNG UND GEWINNUNG VON ORGANISCHEM UND ANORGANISCHEM MATERIAL MITTELS EINEM TROCKNEN VERFAHREN, UND DAS ENTSPRECHENDE VERFAHREN

Title (fr)  
FOUR POUR LE TRAITEMENT ET LE PROFIT DE LA MATIÈRE ORGANIQUE ET INORGANIQUE, PAR UN PROCÉDÉ À SEC, ET LE PROCÉDÉ RESPECTIF

Publication  
**EP 0688420 A1 19951227 (FR)**

Application  
**EP 94912103 A 19940316**

Priority

- PT 9400002 W 19940316
- PT 10122993 A 19930317

Abstract (en)  
[origin: WO9421977A1] A furnace and a related method for performing dry processes, i.e. ones using no vapour other than that from the materials being processed, whereby substantial energy savings may be achieved. Said furnace consists of an enclosing shell divided into two areas (O) and housing a rotating drum (A) containing the material to be processed and covering a shaft (B) provided with blades (J) secured to a scraper (L) for preventing the materials being processed from sticking to the inner surface of the drum during processing. Notwithstanding that the shaft (B) coincides with the imaginary axis of the drum, it is not rigidly connected thereto, although it may also rotate. The drum (A) has circular gaps in the region of covers (H), which gaps are vertically aligned with the inlets of tubes (M) and unblocked by lugs (I).

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IPC 8 full level  
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Citation (search report)  
See references of WO 9421977A1

Cited by  
CN108800825A; CN108253758A

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**WO 9421977 A1 19940929**; AT E154430 T1 19970615; AU 6438794 A 19941011; BR 9406323 A 19951226; DE 69403785 D1 19970717; DE 69403785 T2 19980115; EP 0688420 A1 19951227; EP 0688420 B1 19970611; ES 2105680 T3 19971016; PT 101229 A 19931029

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