

Title (en)

Process and plant layout for drying and burning waste materials

Title (de)

Verfahren und anlagentechnische Schaltung zur Trocknung und Verbrennung von Abfallstoffen

Title (fr)

Procédé et schéma d'installation pour sécher et brûler des matières résiduelles

Publication

EP 0571722 B1 19960515 (DE)

Application

EP 93103730 A 19930309

Priority

DE 4217729 A 19920529

Abstract (en)

[origin: EP0571722A2] The invention relates to a process and the associated plant layout for drying and burning waste materials, in particular sewage sludge, the waste materials being burned after mechanical and thermal dewatering and drying. According to the invention, this takes place by the thermally dried waste materials being milled and then burned in a pulsating manner in a reactor and by a part of the thermally dried waste materials with a gran size of < 1 mm being delivered back to the process as return material after the mechanical dewatering, and by the heat energy of the waste gases of the pulsating combustion being used as drying energy by indirect heat exchange. <IMAGE>

IPC 1-7

F23G 5/04; **F23G 5/46**

IPC 8 full level

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CPC (source: EP)

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Cited by

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