

## Title (en)

Process and installation for the thermolysis of waste

## Title (de)

Verfahren und Einrichtung für die Thermolyse von Abfall

## Title (fr)

Procédé et installation de thermolyse de déchets

## Publication

**EP 0692677 A1 19960117 (FR)**

## Application

**EP 95401503 A 19950623**

## Priority

FR 9408767 A 19940713

## Abstract (en)

Procedure for thermal treatment of waste consists of pyrolysis of the waste, recycling of the pyrolysis gas as a combustible for the pyrolysis and post-treatment of the solids output of pyrolysis in that the combustible solids output at the post treatment of the pyrolysis solids can be burnt in a cyclone furnace (5) or stocked. The hot gas output of the cyclone furnace can be used to recoup energy (11), and the post-treatment consist essentially of purification of carbon solids. The pyrolysis gas can be burnt in the cyclone furnace (5) or in the means of recouping energy (11). The post-treatment consists of cooling the solids, extracting and rinsing the mineral materials, hot washing to dissolve notably chlorine salts, and separating the water and carbon solids. <IMAGE>

## Abstract (fr)

La présente invention concerne un procédé et une installation de traitement thermique des déchets. L'installation selon l'invention comprend : un four de thermolyse (1); au moins un moyen de combustion des gaz de thermolyse; un moyen de récupération d'énergie (11); et un moyen (6) de post-traitement des solides de thermolyse, un foyer-cyclone (5) alimenté par une partie au moins des combustibles solides (SCE) issus du moyen de post-traitement, et un moyen (F) destiné à véhiculer les gaz chauds issus dudit foyer-cyclone (5) vers ledit moyen de récupération d'énergie (11). Application notamment au traitement des ordures ménagères. <IMAGE>

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## Citation (applicant)

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## Citation (search report)

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