

Title (en)

DEVICE FOR CONVEYING REFUSE INTO A PYROLYSIS REACTOR

Title (de)

EINRICHTUNG ZUM TRANSPORT VON ABFALL IN EINEM PYROLYSEREAKTOR

Title (fr)

DISPOSITIF PERMETTANT DE CONVOYER DES DECHETS DANS UN REACTEUR A PYROLYSE

Publication

EP 0721491 A1 19960717 (DE)

Application

EP 94926780 A 19940914

Priority

- DE 9401058 W 19940914
- DE 4332865 A 19930927

Abstract (en)

[origin: US5709779A] A device for conveying waste includes a waste feed chute. A stationary conveyor pipe is connected to the waste feed chute and has a sealed-off end and a housing with a nonround cross section defining a longitudinal direction. A screw conveyor is disposed in the longitudinal direction of the conveyor pipe. A motor drives the screw conveyor. A pyrolysis reactor into which the conveyor pipe discharges, defines a first space between the housing of the conveyor pipe and the pyrolysis reactor. The pyrolysis reactor has an inlet end and a longitudinal axis about which the pyrolysis reactor is rotatable. An inlet tube in which the sealed-off end of the conveyor pipe is disposed, defines a second space between the inlet tube and the conveyor pipe. The inlet tube communicates with the inlet end of the pyrolysis reactor and has a smaller cross section than the pyrolysis reactor. At least one supply line leads from outside into the pyrolysis reactor. The at least one supply line is disposed in the first space and is extended through the second space.

IPC 1-7

C10B 53/00; **C10B 1/10**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 9509217A1

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