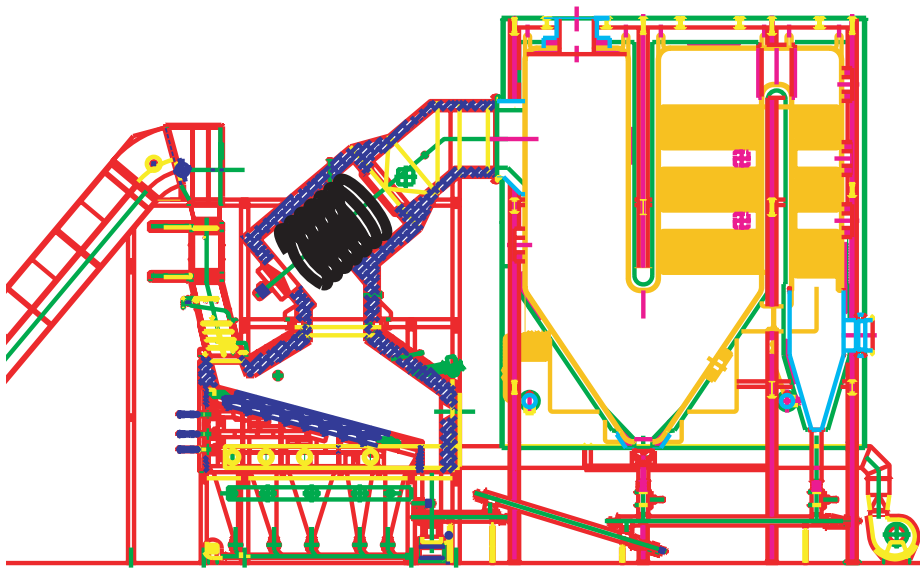


NEW CONCEPT FOR THERMAL WASTE RECYCLING IN THE CHIPBOARD AND PAPER INDUSTRY

PATENTED “KABLITZ TURBO-SYSTEM”



- Secondary combustion chamber in cylindrical shape arranged above the usual combustion chamber
- Longitudinal axis is inclined upwards
- Rotor at the front side with inlets for controlled air and recirculated flue gas
- Rotor generates a turbulent whirling stream around the longitudinal axis
- Long retention time for the particles and flue gases by centrifugal force
- Best immission results

Incineration plant in the chipboard and paper industry

Kablitz Reciprocating Grate with 14,4 m² grate surface and firing capacity of 12,5 MW resp. 9,5 MW

Fuels:

- Mixture of bark, MDF waste and MDF fibres. Lower calorific value: 12,9 MJ/kg
- Mixture of non-recoverable waste from used paper recycling and short fibre fraction. Lower calorific value: 9,5 MJ/kg

Operational results: CO < 10 mg/m³
NO_x < 200 mg/m³ N ≤ 0,5%
TOC < 2 %

An approved grate and combustion chamber design with “Kablitz Turbo-System” warrants an environmently-friendly combustion.



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