

Title (en)
METHOD AND EQUIPMENT FOR WHOLE TYRE PYROLYSIS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR GANZREIFENPYROLYSE

Title (fr)
PROCEDE ET EQUIPEMENT DE PYROLYSE DE PNEUS ENTIERES

Publication
EP 1807485 A1 20070718 (EN)

Application
EP 04802163 A 20041228

Priority
• BG 2004000027 W 20041228
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Abstract (en)
[origin: WO2006039764A1] The method and equipment are intended for application in the chemical industry for destruction off solid substances, containing carbon and hydrocarbons. The invention guarantees absence of oxygen in the reactor and permits increased thermal efficiency. The closed forehearth is used to preheat every tyre that follows. The technologic comfort is due of use of spark proof material for the internal space of the forehearth; off the use water-cooled rollers (22) sealed in a casing (23), placed under the cylindrical reactor (1) and into a water pool (24), forming a back-pressure gate and of the use of three independent band conveyors, forming an discharge transport system.

IPC 8 full level
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