

Title (en)
Pyrolysis device

Title (de)
Pyrolysevorrichtung

Title (fr)
Dispositif de pyrolyse

Publication
EP 2050808 A3 20100106 (DE)

Application
EP 08018175 A 20081016

Previously filed application
202007014636 U 20071019 DE

Priority
DE 202007014636 U 20071019

Abstract (en)
[origin: EP2050808A2] The pyrolysis device comprises a furnace, which receives a reactor (2) lockable with a cover (12), pipelines, a baffle plate arranged at the reactor cover, and a reception arranged for fixing a charging basket in the reactor. The reactor is fixed in the furnace. The cover of the reactor is arranged outside of the furnace. All pipelines flowing into the reactor are led by the reactor cover. One of the pipelines is introduced into the reactor for discharging process gas. One of the pipelines is introduced into the reactor, which is connected with a vacuum pump. The pyrolysis device comprises a furnace, which receives a reactor (2) lockable with a cover (12), pipelines, a baffle plate arranged at the reactor cover, and a reception arranged for fixing a charging basket in the reactor. The reactor is fixed in the furnace. The cover of the reactor is arranged outside of the furnace. All pipelines flowing into the reactor are led by the reactor cover. One of the pipelines is introduced into the reactor for discharging process gas. One of the pipelines is introduced into the reactor, which is connected with a vacuum pump. One of the pipelines is introduced into the reactor for supplying inert gas. The cover is sealed with a seal opposite to the reactor. Means are arranged for cooling the seal by a cooling water pipeline. A pipeline is arranged for supplying combustion air and cool air, which flows into the furnace.

IPC 8 full level
C10B 1/02 (2006.01); **C10B 47/06** (2006.01)

CPC (source: EP)
C10B 1/02 (2013.01); **C10B 47/06** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
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DE 202007014636 U 20071019; EP 08018175 A 20081016