

Title (en)

Method and apparatus for recovering useful gas by pyrolysis

Title (de)

Verfahren und Vorrichtung zur Gewinnung von verwertbarem Gas durch Pyrolyse

Title (fr)

Procédé et dispositif d'obtention d'un gaz utilisable par pyrolyse

Publication

EP 0718391 A3 19970402 (DE)

Application

EP 95118290 A 19951121

Priority

DE 4441423 A 19941122

Abstract (en)

[origin: EP0718391A2] In the recovery of a usable gas, by pyrolysis of waste and rubbish, the heat required for pyrolysis is provided by a gas in direct contact with the material. A cracked gas from the gas converter (5) is taken as a part stream to carry heat to the pyrolysing gas. Also claimed is an assembly with a cracked gas channel (22) from the gas converter (5) back to the entry zone of the pyrolysing drum (2) for carrying out process above.

IPC 1-7

C10B 53/00

IPC 8 full level

C10B 49/04 (2006.01); **C10B 53/00** (2006.01); **C10J 3/66** (2006.01)

CPC (source: EP)

C10B 49/04 (2013.01); **C10B 53/00** (2013.01); **C10J 3/007** (2013.01); **C10J 3/66** (2013.01); **C10K 1/026** (2013.01); **C10J 2300/0906** (2013.01); **C10J 2300/0946** (2013.01); **C10J 2300/1253** (2013.01); **C10J 2300/1807** (2013.01)

Citation (search report)

- [XY] EP 0263338 A2 19880413 - KRAFTWERK UNION UMWELTTECHNIK [DE]
- [Y] US 4142867 A 19790306 - KIENER KARL
- [A] WO 8100112 A1 19810122 - KIENER KARL [DE]
- [AD] EP 0126408 A2 19841128 - PYROLYSE KRAFTANLAGEN PKA [DE]

Cited by

RU2481386C2; EP2295526A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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