

Title (en)

PROCESS AND APPARATUS FOR GASIFYING REFUSE

Publication

EP 0175207 A3 19861230 (DE)

Application

EP 85111104 A 19850903

Priority

DE 3434004 A 19840915

Abstract (en)

[origin: US4681599A] Waste or refuse is fed to a first reaction chamber communicating with a second one through openings in the lower portion of a partition between the chambers and hot metal or the like is fed into at least one of the two chambers; gas is extracted from the second chamber and the pressure conditions are such that different liquid levels obtain in the two chambers causing reaction gas to bubble through the openings and the liquid in the second chamber. The principle product gases extracted are hydrogen, carbonoxide and inert gases. Lime is preferably added to the waste to be processed.

IPC 1-7

C10J 3/57

IPC 8 full level

B09B 3/00 (2006.01); **C10J 3/57** (2006.01)

CPC (source: EP US)

C10J 3/57 (2013.01 - EP US); **C10J 3/74** (2013.01 - EP US); **C10J 2300/093** (2013.01 - EP US); **C10J 2300/0946** (2013.01 - EP US); **C10J 2300/0956** (2013.01 - EP US); **C10J 2300/0959** (2013.01 - EP US); **C10J 2300/0996** (2013.01 - EP US); **C10J 2300/1807** (2013.01 - EP US); **Y10S 588/90** (2013.01 - EP US)

Citation (search report)

- [A] US 4244180 A 19810113 - RASOR NED S
- [A] FR 2186524 A1 19740111 - SIDERURGIE FSE INST RECH [FR]
- [A] DE 2304369 B1 19740509

Cited by

US5537940A; FR2801895A1; EP0464802A1; EP0897967A3; US7087098B2; WO9325278A1; WO0140411A1; WO9325277A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0175207 A2 19860326; **EP 0175207 A3 19861230**; **EP 0175207 B1 19890104**; AT E39709 T1 19890115; DE 3434004 A1 19860522; DE 3434004 C2 19870326; JP S61133187 A 19860620; US 4681599 A 19870721

DOCDB simple family (application)

EP 85111104 A 19850903; AT 85111104 T 19850903; DE 3434004 A 19840915; JP 20042185 A 19850910; US 77621485 A 19850916