

Title (en)

PROCESS FOR THE SUBSEQUENT TREATMENT OF A GAS OBTAINED BY PYROLYZING TRASH

Publication

**EP 0167702 B1 19871021 (DE)**

Application

**EP 85101873 A 19850221**

Priority

DE 3421393 A 19840608

Abstract (en)

[origin: US4591366A] In a method of subsequent treatment of sulfur gas from waste pyrolysis, the sulfur gas is cooled after hot dust removal in many stages to an end temperature between 0 DEG and 5 DEG C., wherein the components [condensate] separated from the gas are subdivided into a heavy tar, an oil and a water phase. The obtained heavy tar is supplied back to the pyrolysis reactor, whereas the oil phase is again used partially or completely for gas treatment, and the separated water is discharged from the process. The end product of the method is a stable gas which can be used for heating.

IPC 1-7

**C10K 1/04**; **C10G 1/00**; **C10G 9/00**; **C10B 53/00**

IPC 8 full level

**C10B 53/00** (2006.01); **C10G 1/00** (2006.01); **C10G 1/02** (2006.01); **C10G 9/00** (2006.01); **C10J 3/00** (2006.01); **C10K 1/04** (2006.01); **C10K 1/08** (2006.01)

CPC (source: EP US)

**C10G 1/002** (2013.01 - EP US); **C10G 1/02** (2013.01 - EP US); **C10K 1/04** (2013.01 - EP US)

Citation (examination)

DE 2508666 A1 19760909 - HOELTER HEINZ

Cited by

US5261936A; EP0316827A1; EP0297424A3; EP0297432A3; EP4043539A1; US5824122A; EP0308669A1; DE19529536A1; DE19529536B4; WO9105030A1

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