

Title (en)

Method of operating a plant for the combustion of waste motor oil.

Title (de)

Verfahren zum Betreiben einer Anlage zur Verbrennung von Altöl.

Title (fr)

Procédé pour la mise en oeuvre d'une installation pour la combustion d'huile de vidange.

Publication

**EP 0007475 A1 19800206 (FR)**

Application

**EP 79102239 A 19790703**

Priority

FR 7821066 A 19780713

Abstract (en)

[origin: ES482245A1] This system for burning low-grade fuels, notably used mineral oils, comprises a first so-called decantation tank receiving the fuel and connected, through an overflow device, to a second so-called storage tank, and a burner connected to this storage tank. The first decantation tank comprises means for heating the fuel under the control of a thermostat. A level detector is incorporated in the storage tank and connected to a pump inserted in the circuit supplying fuel to the first tank. The burner comprises a pump set to supply fuel to the burner jet through a reservoir provided with reheating means, so that the fuel delivered to the burner has a minimum temperature of 100 DEG C.

Abstract (fr)

L'installation comporte un premier bassin (18) dit de décantation, alimenté en combustible et relié par un trop-plein (30) à un second bassin (26) dit de stockage, ce second bassin étant relié au brûleur (32) pour son alimentation en combustible.

IPC 1-7

**F23K 5/00**; **F23D 11/28**

IPC 8 full level

**C10M 175/00** (2006.01); **F23D 11/28** (2006.01); **F23K 5/00** (2006.01); **F23K 5/04** (2006.01); **F23K 5/18** (2006.01); **F23K 5/20** (2006.01)

CPC (source: EP US)

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Citation (search report)

- FR 636428 A 19280410
- CH 458592 A 19680630 - SIEBENMANN RICHARD [CH]
- FR 2295351 A1 19760716 - JORET ROBERT [FR]
- FR 2295350 A1 19760716 - JORET ROBERT [FR]
- FR 2302482 A1 19760924 - POIRIER HENRI [FR]
- FR 2370926 A1 19780609 - SCHWARZ ANTON [AT]
- GB 339314 A 19301205 - SHELL MEX LTD, et al
- GB 751635 A 19560704 - LOOSER & CO A G E
- US 2355693 A 19440815 - ALDRICH LOYD I

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