

Title (en)  
Oilburner.

Title (de)  
Ölbrenner.

Title (fr)  
Brûleur à huile.

Publication  
**EP 0261703 A1 19880330 (EN)**

Application  
**EP 87201484 A 19870805**

Priority  
NL 8602009 A 19860806

Abstract (en)  
Oilburner for burning waste oil or heavy oil, characterised by a double-chamber heating device and a pump (16) forcing the oil from chamber (6) through chamber (3), containing a heating element (4), to either the burner (20) or recirculating the oil to chamber (6). The heating device is equipped with means to expell air and vapours from both chambers (6) and (3). The burner (20) is controlled by a flow regulating valve (25) permitting the use of a pump with a constant flow characteristic and relatively low pressure.

IPC 1-7  
**F23K 5/00**; **F24H 1/10**

IPC 8 full level  
**F23K 5/20** (2006.01); **F24H 1/10** (2006.01)

CPC (source: EP)  
**F23K 5/20** (2013.01); **F24H 1/102** (2013.01)

Citation (search report)

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- [A] US 2446367 A 19480803 - FREDERICK GRAVES
- [A] GB 519017 A 19400314 - FREDERICK GEORGE TAYLOR
- [A] GB 982847 A 19650210 - WEISHAUPT MAX
- [A] FR 2488345 A1 19820212 - PAULSEN HARTWIG [DE]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 80, no. 20 (M-271)[1457], 27th January 1984; & JP-A-58 178 859 (KIYODOU KISEN K.K.) 19-10-1983

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Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

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