

Title (en)

Method and apparatus for the thermal treatment of heavy fuel oil.

Title (de)

Verfahren und Vorrichtung zur thermischen Behandlung von schwerem Brennstofföl.

Title (fr)

Méthode et dispositif de traitement thermique d'huile lourde de combustible.

Publication

**EP 0081895 A1 19830622 (EN)**

Application

**EP 82302978 A 19820609**

Priority

GB 8137083 A 19811209

Abstract (en)

A method and apparatus for the thermal treatment of heavy fuel oil. Hot vacuum residue (19) from a vacuum distillation unit (18) is fed directly to burners (36) to raise steam to generate electricity in a generator (39). A gas oil stream (20) is withdrawn from the distillation unit and subjected to mild thermal cracking conditions in a heater (24) which cracks a portion of the waxes which tend to concentrate in the heavier gas oil fractions. The heated stream is mixed with the feedstock inlet stream (16) and so serves to provide the heat energy necessary to operate the distillation unit.

IPC 1-7

**C10G 7/06**

IPC 8 full level

**C10G 7/06** (2006.01)

CPC (source: EP)

**C10G 7/06** (2013.01)

Citation (search report)

- [A] DE 1034299 B 19580717 - JOSEF RAKY
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**EP 0081895 A1 19830622; EP 0081895 B1 19860226**; AT E18252 T1 19860315; CA 1181710 A 19850129; DE 3269344 D1 19860403; DK 547082 A 19830610; GB 2111074 A 19830629; GB 2111074 B 19841010; GR 77105 B 19840906; JP S58122983 A 19830721; NO 824128 L 19830610

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**EP 82302978 A 19820609**; AT 82302978 T 19820609; CA 405703 A 19820622; DE 3269344 T 19820609; DK 547082 A 19821209; GB 8235152 A 19821209; GR 820170031 A 19821209; JP 21406682 A 19821208; NO 824128 A 19821208