

Title (en)

METHOD AND DEVICE FOR VAPORIZING LIQUID FUELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERDAMPFUNG VON FLÜSSIGBRENNSTOFFEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA VAPORISATION DE COMBUSTIBLES LIQUIDES

Publication

EP 1784253 A1 20070516 (DE)

Application

EP 05772809 A 20050820

Priority

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Abstract (en)

[origin: WO2006024410A1] The invention relates to a method for vaporizing liquid fuels (O), which comprises the following steps: a) providing a reactor (8) with means (1) disposed therein for increasing the inner surface, b) supplying liquid fuel (O) and oxygen-containing gas (L) to the reactor (8), c) carrying out an exothermic reaction between the oxygen-containing gas (L) and the vaporizing liquid fuel (O), the liquid fuel (O) being only partially oxidized, and d) removing the product formed during exothermic reaction from the reactor (8).

IPC 8 full level

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Citation (search report)

See references of WO 2006024410A1

Citation (examination)

- WO 02085780 A1 20021031 - WEBASTO THERMOSYSTEME GMBH [DE], et al
- WO 0218268 A2 20020307 - MOTOROLA INC [US]

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