

Title (en)
Evaporation apparatus comprising a blower

Title (de)
Verdampfungsgerät mit einem Ventilator

Title (fr)
Dispositif d'évaporation comprenant un ventilateur

Publication
EP 1568933 A1 20050831 (EN)

Application
EP 04004194 A 20040225

Priority
EP 04004194 A 20040225

Abstract (en)
An evaporation apparatus for solvent fuel has an extra fuel reservoir installed outside of an evaporation tank, and a fuel level controller for controlling the amount of fuel in the evaporation tank so as to maintain the concentration of gaseous fuel in the evaporation tank in a preferable state for stable combustion. The fuel level controller is composed of a float bowl and a gate switch, the on/off of the latter is controlled by the position of the former which in turn controls the amount of fuel contained in the evaporation tank. A heating strip installed outside of the evaporation tank is connected with a temperature controller having a temperature gage to control the inner temperature of the evaporation tank stably at a constant value. This apparatus has only to heat a small amount of fuel in a short heating time so that the temperature can be easily controlled and the quality of the fuel is upgraded by keeping the concentration of gaseous fuel stably. <IMAGE>

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F17C 9/02; **F17C 13/02**

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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