

Title (en)

Method of starting an oil burner unit and oil burner unit.

Title (de)

Verfahren zum Anlassen einer Ölbrennereinheit und Ölbrennereinheit.

Title (fr)

Procédé de démarrage pour un brûleur à huile et brûleur à huile.

Publication

**EP 0013488 A1 19800723 (EN)**

Application

**EP 79302808 A 19791206**

Priority

SE 7813158 A 19781221

Abstract (en)

An oil burner unit comprises an oil pump and a fan which are both driven by the same motor. The pump (3) is of the kind which begins to operate only above a predetermined critical speed. When starting the unit, the motor is first energised by a first current supply circuit having an impedance (6) and thus operated at a reduced number of revolutions at which the pump (3) is out of operation but the fan (2) is working to ventilate the combustion chamber. After the lapse of a predetermined period of time the number of revolutions is increased to cause the pump to operate, whereby the combustion can begin. The changeover is achieved by means of a time delay device which closes a second circuit to increase the motor speed and thereby cause the pump to deliver oil.

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CPC (source: EP)

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Citation (search report)

- DE 2058637 A1 19710616 - STENBERG FLYGT AB
- AT 295717 B 19720110 - DANFOSS AS [DK]
- DE 2000714 A1 19700723 - CEM COMP ELECTRO MEC
- DE 1451405 A1 19690306 - LICENTIA GMBH
- DE 1281020 B 19681024 - DANFOSS AS
- DE 1763405 A1 19711111 - BOSCH GMBH ROBERT

Cited by

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