

Title (en)

ULTRASONIC ATOMISER

Publication

EP 0421439 A3 19920318 (DE)

Application

EP 90119084 A 19901004

Priority

DE 3933300 A 19891005

Abstract (en)

[origin: EP0421439A2] An ultrasonic atomiser, particularly for a heating device operated with liquid fuel, can be switched between a low resonant frequency and a high resonant frequency by means of a switchable excitation circuit, the former being used for good cold-start conditions and the latter being used for good combustion in hot operation of the heating device. In a particularly preferred embodiment, the excitation circuit exhibits a phase-locked loop circuit, the voltage-controlled oscillator (VCO) of which and a frequency filter being switched over to the low or the high resonant excitation frequency. In a particularly preferred embodiment, the excitation circuit exhibits a phase-locked loop circuit, the voltage-controlled oscillator (VCO) of which and a frequency filter being switched to the low or the high resonant excitation frequency. <IMAGE>

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B05B 17/06 (2006.01); **B06B 1/02** (2006.01)

CPC (source: EP)

B05B 17/0607 (2013.01); **B06B 1/0269** (2013.01); **B06B 2201/77** (2013.01)

Citation (search report)

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