

Title (en)
ULTRASONIC ATOMISER

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

Citation (search report)
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