

Title (en)
VIBRATION GENERATOR FOR AN ULTRASONIC LIQUID ATOMISER

Publication
EP 0014868 B1 19831221 (DE)

Application
EP 80100481 A 19800131

Priority
DE 2906499 A 19790220

Abstract (en)
[origin: US4336509A] The oscillation generator includes an oscillator circuit, a push-pull amplifier with inductive positive feedback connected in the circuit, a piezoceramic atomizer vibrator element, and a load-dependent regenerative feedback coupling connected to the circuit. The coupling is in the form of a tunable frequency-selective sensor having outputs connected to the inputs of the amplifier.

IPC 1-7
B06B 1/06; B05B 17/06

IPC 8 full level
B05B 17/06 (2006.01); **B06B 1/02** (2006.01); **B06B 1/06** (2006.01); **F24F 6/12** (2006.01); **H03B 5/32** (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP US)
B05B 17/0607 (2013.01 - EP US); **B06B 1/0253** (2013.01 - EP US); **B06B 2201/55** (2013.01 - EP US); **B06B 2201/77** (2013.01 - EP US)

Cited by
WO2011086285A1

Designated contracting state (EPC)
AT CH DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0014868 A1 19800903; **EP 0014868 B1 19831221**; AT E5638 T1 19840115; CA 1150391 A 19830719; DE 2906499 B1 19800807; DE 2906499 C2 19810709; DE 3065929 D1 19840126; DK 152023 B 19880125; DK 152023 C 19880627; DK 60680 A 19800821; JP S55149663 A 19801121; US 4336509 A 19820622

DOCDB simple family (application)
EP 80100481 A 19800131; AT 80100481 T 19800131; CA 346079 A 19800220; DE 2906499 A 19790220; DE 3065929 T 19800131; DK 60680 A 19800213; JP 1894880 A 19800218; US 12259680 A 19800219