

Title (en)

Fluidic oscillator with bistable jet-type amplifier

Title (de)

Fluidischer Oszillator mit bistabilem Strahlverstärker

Title (fr)

Oscillateur fluide avec amplificateur de type jet bistable

Publication

EP 2554854 A3 20130911 (EN)

Application

EP 12173904 A 20120627

Priority

CZ 2011477 A 20110805

Abstract (en)

[origin: EP2554854A2] Subject of this invention is a new version of fluidic oscillators with a bistable amplifier (10) of jet-type, used in particular for control of fluid flow on the surface of a body exposed to fluid flow, where in place of the so far known feedback channels the oscillation generation is based on employing propagation and reflection of compression and expansion waves in a resonance channel (1) connected to the control nozzle (11) of the jet-type bistable amplifier (10).

IPC 8 full level

F15C 1/22 (2006.01); **F15D 1/00** (2006.01); **F15D 1/08** (2006.01)

CPC (source: EP)

F15D 1/008 (2013.01); **F15D 1/08** (2013.01)

Citation (search report)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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