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(54) **RESONATOR FOR A DUAL-FLOW EXHAUST SYSTEM**

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(57) **ABSTRACT**

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A resonator for a dual-flow exhaust system of an engine is provided. The resonator includes a housing defining an enclosure and a baffle spanning the housing and separating a first and second expansion chamber of the enclosure, the baffle including at least one opening. The resonator further includes a first and a second exhaust conduit extending through the baffle and housing, each conduit in fluidic communication with a separate cylinder bank and including a perforated portion fluidly coupled to the enclosure, each perforated portion positioned in separate expansion chambers.

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