

Automatic Flow Control for increasing drag in aircraft wings (Ramot)

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Avraham SEIFERT, T.A.U Tel Aviv University, Engineering, School of Mechanical Engineering A fluidic system is disclosed. The fluidic system comprises a switching valve having a fluidic oscillatory actuator, a first blowing actuator and a second blowing actuator. The first blowing actuator is switchable by the switching valve and is configured for producing an output of fluid flow engaging a first plane. The second blowing actuator is also switchable by the switching valve and is configured for producing an output of fluid flow engaging a second plane. The second plane is different from the first plane.

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