

The present invention relates to an electrically operated aerosol-generating device for generating an aerosol. The device comprises an air path which extends through the device and is configured to support an airflow in the device. The device further comprises a sound generating member which is arranged in fluid communication with the air path and configured to generate sound caused by an airflow passing the sound generating member in use of the device when a user takes a puff. The device further comprises a puff detector comprising a vibration sensor. The vibration sensor is fluidly separated from the air path and configured to detect the sound propagating from the sound generating member to the vibration sensor. The invention further relates to an aerosol-generating system comprising such a device and an aerosol-generating article comprising the aerosol-forming substrate.