

Invention relates to aerosol-generating article comprising: a first aerosol-generating substrate portion containing nicotine, a second aerosol-generating substrate portion; and a filter portion, wherein the second portion of the aerosol-generating substrate contains a liquid absorbent impregnated with a liquid aerosol-generating composition, wherein the liquid absorbent is paper, cotton, or silica gel, and wherein the first portion of the aerosol-generating substrate containing nicotine and the second part of the aerosol-generating substrate are designed to be simultaneously heated by an aerosol-generating device during aerosol generation. Invention also relates to aerosol-generating device comprising above-mentioned product, an aerosol generator, and a heating device.