

Title (en)

HEATING ELEMENT AND HEATER ASSEMBLIES, CARTRIDGES, AND E-VAPOR DEVICES INCLUDING A HEATING ELEMENT

Title (de)

ERWÄRMUNGSELEMENT UND ERWÄRMERANORDNUNGEN, KARTUSCHEN UND E-VAPOR-VORRICHTUNGEN MIT EINEM ERWÄRMUNGSELEMENT

Title (fr)

ÉLÉMENT CHAUFFANT ET ENSEMBLES DISPOSITIF DE CHAUFFAGE, CARTOUCHES ET DISPOSITIFS DE VAPOTAGE COMPRENANT UN ÉLÉMENT CHAUFFANT

Publication

**EP 4236621 A2 20230830 (EN)**

Application

**EP 23167408 A 20200116**

Priority

- US 201916273612 A 20190212
- EP 20706888 A 20200116
- US 2020013848 W 20200116

Abstract (en)

Disclosed is a heater assembly comprising a heating element. The heating element includes a planar portion including a filament, the filament defining an air channel through the planar portion, and being arranged so as to form a plurality of curves. The plurality of curves include a closed end, an open end, and a tip extending away from the air channel thereon, the tip of each of the curves being generally rectangular in shape. The heating element further includes a first lead portion and a second lead portion, at one of the first lead portion, the second lead portion, or the first lead portion and second lead portion being coplanar with the heating element; and a support, with the heating element being in contact with the support such that the tip of each one of the curves rests thereon.

IPC 8 full level

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CPC (source: EP IL)

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