

ABSTRACT

5 **APPARATUS AND METHOD FOR PRODUCING A FILTER ELEMENT**

The disclosure relates to an apparatus for producing a filter element having a filter forming module. The apparatus comprises a first forming guide configured to receive a primary filter material; a forming element positioned downstream of the first forming guide unit, and configured to compress the primary filter material to form a filter body of a pre-determined shape and/or a pre-determined dimension; and a heating unit placed along a pathway of the primary filter material and at an inlet side of the filter forming module, wherein the heating unit is configured to switch between two or more operational modes based on a property of the primary filter material. The disclosure also relates to a method of forming a filter element.

Figure 1

20