ABSTRACT

SMOKE-FREE SUBSTITUTE CIGARETTE PRODUCT

A method for volatilising active and/or aroma substances for the purpose of releasing an inhalable aerosol, wherein combustion gases of a flammable gas, which is preferably combusted with an excess of air, are passed partially or entirely, optionally mixed with ambient air, through an active and/or aroma substance depot and wherein a desired temperature is selectable by the proportion of combustion gases and optionally by the mixing ratio of said combustion gases with ambient air and the device implementing the method in the shape and dimensions of a cigarette or cigar for releasing an inhalable aerosol, comprising a mouthpiece (3) containing an active and/or aroma substance depot (32), a heating member (2) with a housing sleeve with one or more air inlets and one or more hot air outlets at the mouthpiece end, a filling valve (21) for filling a gas tank (22) with a flammable gas, preferably propane or butane gas, a regulating valve (24) for the controlled release of the gas from the gas tank (22) to a burner (25) and a mass transfer exchanger (26) for heating the air by the hot combustion gases produced by means of the burner (24), wherein the mouthpiece (3) is detachably connected to the heating member (2) and control of the regulating valve (24) is effected by means of the reduced pressure and/or stream of air generated by a user's suction on the mouthpiece (3). Fuelling station for such a device.

Figure 2