

Title (en)  
BACKED SMOKING SET AND VACUUM INSULATED HEATING ASSEMBLY

Title (de)  
GEBACKENER RAUCHSATZ UND VAKUUMISOLIERTE HEIZANORDNUNG

Title (fr)  
ENSEMBLE À FUMER CUIT ET ENSEMBLE DE CHAUFFAGE ISOLÉ SOUS VIDE

Publication  
**EP 3598905 B1 20230510 (EN)**

Application  
**EP 19188016 A 20190724**

Priority  
CN 201810820205 A 20180724

Abstract (en)  
[origin: EP3598905A1] The invention relates to a baked smoking set, and a vacuum insulated heating assembly comprising an outer tube and an inner tube. The outer tube is fitted outside the inner tube, and two ends of the outer tube are fixed to an outer wall surface of the inner tube, a vacuum area is formed between an inner wall surface of the outer tube and the inner tube. The inner tube comprises an inner tube, and a heating circuit formed on a surface of the inner tube so as to generate heat after electrification; and an axial position of the heating circuit on the inner tube is within an axial interval of the vacuum area. The inner tube of the heating assembly does not participate in direct heating, so a heat dissipation rate of the inner tube to outside can be reduced, and rapid diffusion of heat to outside can be avoided. In addition, since the inner tube does not participate in direct heating, it is unnecessary to dispose a specialized heat insulation structure between the outer tube and the inner tube, so that the fixing way between the outer tube and the inner tube can be simplified, size of heating and heat insulation portions is more compact with fewer parts and simple structure design, and the product is reduced in volume for portability.

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Citation (examination)  
US 2018051845 A1 20180222 - YAGI MASASHI [JP], et al

Cited by  
EP4151104A4; EP3945886A4; WO2023175144A1; WO2022053684A1; WO2023175142A1; WO2024047014A1; WO2024046882A1

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