

Title (en)  
SMOKING SET

Title (de)  
RAUCHSET

Title (fr)  
ENSEMBLE À FUMER

Publication  
**EP 4091474 A1 20221123 (EN)**

Application  
**EP 21740830 A 20210115**

Priority  
• CN 202010061563 A 20200116  
• CN 2021072137 W 20210115

Abstract (en)  
The present application relates to the field of smoking sets and provides a smoking set which comprises: a heating cavity and a heater; a first detection module, being configured to detect whether an object exists at a first position in the heating cavity to output a first detection signal; a second detection module, being configured to detect whether an object exists at a second position in the heating cavity to output a second detection signal; a microcontroller, being configured to: acquire the first detection signal and the second detection signal; identify object situation in the heating cavity according to different combinations of the first detection signal and the second detection signal. According to the present application, object situation in the heating cavity is identified according to different combinations of the first detection signal and the second detection signal; and the heater may be controlled to start heating or be turned off according to the identification result, thereby preventing foreign bodies falling into the heating cavity from wrongly triggering the heater to start heating, and improving user experience.

IPC 8 full level  
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CPC (source: EP US)  
**A24F 40/20** (2020.01 - US); **A24F 40/46** (2020.01 - US); **A24F 40/51** (2020.01 - US); **A24F 40/53** (2020.01 - EP US); **A24F 40/57** (2020.01 - US); **A24F 40/60** (2020.01 - US); **A24F 40/20** (2020.01 - EP)

Designated contracting state (EPC)  
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BA ME

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DOCDB simple family (publication)  
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