

Title (en)  
SMOKING SET

Title (de)  
RAUCHSET

Title (fr)  
ENSEMBLE À FUMER

Publication  
**EP 4091474 A4 20230913 (EN)**

Application  
**EP 21740830 A 20210115**

Priority  
• CN 202010061563 A 20200116  
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Abstract (en)  
[origin: EP4091474A1] 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)

Citation (search report)  
• [X] WO 2019185748 A1 20191003 - NICOVENTURES TRADING LTD [GB]  
• [E] WO 2021160803 A1 20210819 - NERUDIA LTD [GB]  
• [A] US 2016302488 A1 20161020 - FERNANDO FELIX [GB], et al  
• See also references of WO 2021143838A1

Designated contracting state (EPC)  
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WO 2021143838 A1 20210722

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