

Title (en)  
SMOKING SUBSTITUTE SYSTEM

Title (de)  
RAUCHERSATZSYSTEM

Title (fr)  
SYSTÈME DE SUBSTITUTION DU TABAC

Publication  
**EP 3711510 A1 20200923 (EN)**

Application  
**EP 19020140 A 20190322**

Priority  
EP 19020140 A 20190322

Abstract (en)  
A system having a smoking substitute device comprising a battery configured to energise the smoking substitute device over a plurality of operating cycles and a controller. The controller is configured to identify a puffing pattern characteristic during an operating cycle, detect the amount of energy stored in the battery, and determine the number of remaining operating cycles available to a user based on the puffing pattern characteristic and the amount of stored energy.

IPC 8 full level  
**A24F 47/00** (2020.01)

CPC (source: EP)  
**A24F 40/53** (2020.01)

Citation (search report)  
• [XA] WO 2015107552 A1 20150723 - GODFREY PHILLIPS INDIA LTD [IN]  
• [XA] WO 2014066730 A1 20140501 - LBS IMP S LLC [US]  
• [XA] US 2015101625 A1 20150416 - NEWTON KYLE D [US], et al  
• [XA] US 2014345635 A1 20141127 - RABINOWITZ JOSHUA [US], et al

Cited by  
EP4305987A1; WO2023132680A1; WO2022263645A1; WO2022269281A1; WO2024083836A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3711510 A1 20200923; EP 3711510 B1 20230621; EP 3711510 C0 20230621**; EP 4233602 A2 20230830; EP 4233602 A3 20230906; PL 3711510 T3 20231030

DOCDB simple family (application)  
**EP 19020140 A 20190322**; EP 23171841 A 20190322; PL 19020140 T 20190322