

Title (en)
SMART CANDLE PLATFORM AND SYSTEM

Title (de)
INTELLIGENTE KERZENPLATTFORM UND SYSTEM

Title (fr)
PLATEFORME ET SYSTÈME DE BOUGIE INTELLIGENTE

Publication
EP 3942231 A1 20220126 (EN)

Application
EP 20774271 A 20200320

Priority
• US 201916361187 A 20190321
• US 2020023979 W 20200320

Abstract (en)
[origin: WO2020191341A1] A Smart Candle Platform may be configured to produce candle light using a natural wax candle as its fuel source or any other fuel source capable of producing light, including liquid fuels if so configured. The outer shell, inner cover, top cover and base provides a beautiful exterior shell which does not melt but emulates the look of a traditional pillar candle. The outer shell may be changeable/replaceable allowing for style and or seasonal changes. A Smart Candle Platform having multiple interactive systems and sensors for production of natural light via a safe, controllable device which may communicate with other similar configured devices or smart devices having application software embedded therein i.e. a smart phone having an app. is disclosed. The Smart Candle Platform may be configured to allow for auto-extinguishment. The Smart Candle Platform may be configured to allow for the addition of smells or scents.

IPC 8 full level
F23D 3/02 (2006.01); **F23D 3/26** (2006.01); **F23N 1/00** (2006.01); **F23Q 3/00** (2006.01); **F23Q 23/10** (2006.01); **H04L 12/28** (2006.01); **H10N 10/17** (2023.01)

CPC (source: EP)
F23D 3/02 (2013.01); **F23D 3/16** (2013.01); **F23D 3/26** (2013.01); **F23D 14/28** (2013.01); **F23N 1/00** (2013.01); **F23Q 3/00** (2013.01); **F23D 2207/00** (2013.01); **F23D 2208/00** (2013.01); **F23D 2208/10** (2013.01); **F23D 2209/00** (2013.01)

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)
WO 2020191341 A1 20200924; AU 2020240131 A1 20211007; AU 2020240131 B2 20230615; CA 3134514 A1 20200924; CA 3134514 C 20231107; CN 113841008 A 20211224; CN 113841008 B 20240820; EP 3942231 A1 20220126; EP 3942231 A4 20220518; EP 3942231 B1 20230802; JP 2022525643 A 20220518; JP 7205948 B2 20230117

DOCDB simple family (application)
US 2020023979 W 20200320; AU 2020240131 A 20200320; CA 3134514 A 20200320; CN 202080037041 A 20200320; EP 20774271 A 20200320; JP 2021556369 A 20200320