

Title (en)

FLAME SIMULATING ASSEMBLY WITH FLICKER ELEMENT INCLUDING PADDLE ELEMENTS

Title (de)

FLAMMENSIMULATIONSANORDNUNG MIT FLACKERELEMENT EINSCHLIESSLICH PADDELEMENTE UND VERFAHREN ZUR
BEREITSTELLUNG VON FLAMMENBILDERN

Title (fr)

ENSEMBLE SIMULATEUR DE FLAMME AVEC ÉLÉMENT DE PAPILLOTEMENT COMPRENANT DES PALETTES ET METHODE POUR
PRODUIRE DES IMAGES DE FLAMMES

Publication

EP 3367002 B1 20201021 (EN)

Application

EP 18158435 A 20180223

Priority

US 201715444994 A 20170228

Abstract (en)

[origin: EP3367002A1] A flame simulating assembly (220) including light source(s)(222), a screen (224) to which light from the light source(s) is directed, to provide images of flickering flames thereon, and a rotatable flicker element (232) for reflecting the light from the light sources toward the screen. The flicker element includes a number of paddle elements (238) located in respective predetermined locations on the rod. Each paddle element includes one or more body portions with reflective surfaces thereon. The reflective surface includes a central region (244) and a perimeter region (246) at least partially located around the central region, the perimeter region at least partially defining a perimeter plane (2PR). The central region is substantially non-planar and the perimeter region is at least partially planar. The perimeter region includes a middle part (247) and side parts (249), partially separated by channels.

IPC 8 full level

F24B 1/18 (2006.01); **F21S 10/04** (2006.01); **F21V 14/04** (2006.01); **F24C 7/00** (2006.01)

CPC (source: EP)

F24C 7/004 (2013.01)

Cited by

GB202401426D0

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

DOCDB simple family (publication)

EP 3367002 A1 20180829; **EP 3367002 B1 20201021**; AU 2018201220 A1 20180913; AU 2018201220 B2 20220901; DK 3367002 T3 20210111; ES 2841317 T3 20210708

DOCDB simple family (application)

EP 18158435 A 20180223; AU 2018201220 A 20180220; DK 18158435 T 20180223; ES 18158435 T 20180223