

Title (en)  
ELECTRONIC LUMINARY DEVICE WITH SIMULATED FLAME

Title (de)  
ELEKTRONISCHER LICHTKÖRPER MIT SIMULIRTER FLAMME

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE ÉLECTRONIQUE AVEC FLAMME FACTICE

Publication  
**EP 3173689 A1 20170531 (EN)**

Application  
**EP 16205327 A 20121023**

Priority

- US 201261607942 P 20120307
- EP 12870606 A 20121023

Abstract (en)  
A flameless candle may include a side wall including an upper region and a lower region, a base engaged with the lower region of the side wall, and an upper surface extending from the upper region of the side wall to form an upper recess. The candle may also include a projection screen extending upwardly through an aperture in the upper surface. The position of the projection screen is fixed with respect to a position of the upper surface. Two sources of light positioned below the upper surface may project light through the aperture onto the projection screen. Circuitry may electrically connect to the first source of light and the second source of light. The circuitry may independently control each of the sources of light.

IPC 8 full level  
**F21S 6/00** (2006.01); **F21S 10/00** (2006.01); **F21V 5/04** (2006.01); **F21V 7/00** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)  
**F21S 6/001** (2013.01 - CN EP); **F21S 10/04** (2013.01 - CN EP US); **F21S 10/043** (2013.01 - CN EP); **F21V 5/04** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP); **F21W 2121/002** (2013.01 - CN EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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- [X] CN 101865413 A 20101020 - XIAOFENG LI
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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)  
**WO 2013133867 A1 20130912**; AU 2012372764 A1 20140925; AU 2012372764 B2 20160519; AU 2016216562 A1 20160901; BR 112014022213 A2 20190924; CA 2866846 A1 20130912; CA 2866846 C 20151117; CN 104272027 A 20150107; CN 104272027 B 20160824; CN 106247201 A 20161221; DK 2823229 T3 20170306; EP 2823229 A1 20150114; EP 2823229 A4 20151014; EP 2823229 B1 20161221; EP 2823229 B8 20170524; EP 3173689 A1 20170531; ES 2617513 T3 20170619; HK 1205785 A1 20151224; MX 2014010748 A 20150320; MX 339650 B 20160602; PT 2823229 T 20170317

DOCDB simple family (application)  
**US 2012061435 W 20121023**; AU 2012372764 A 20121023; AU 2016216562 A 20160816; BR 112014022213 A 20121023; CA 2866846 A 20121023; CN 201280073029 A 20121023; CN 201610642664 A 20121023; DK 12870606 T 20121023; EP 12870606 A 20121023; EP 16205327 A 20121023; ES 12870606 T 20121023; HK 15106332 A 20150703; MX 2014010748 A 20121023; PT 12870606 T 20121023