

Title (en)
FLAME-RESISTANT WICK HOLDER FOR CANDLE

Title (de)
FLAMMFESTER DOCHTHALTER FÜR KERZE

Title (fr)
SUPPORT DE MECHE POUR BOUGIE RESISTANT AUX FLAMMES

Publication
EP 1417289 A4 20051019 (EN)

Application
EP 02757217 A 20020816

Priority

- US 0226313 W 20020816
- US 93182601 A 20010817
- US 13194302 A 20020425

Abstract (en)
[origin: WO03016443A1] A flame-retardant wick holder (10, 400) for a candle is made of a material having UL-94 vertical burn test rating of at least V-0, including polymers (i.e. - polyethersulfone, polyphenylsulfone, polyvinylchloride, polysulfones) and ceramics. The wick holder supports a wick (30) at the bottom of a candle (100). The wick holder material causes the flame on the wick to extinguish when it reaches the holder, thereby preventing flashover of the residual candle fuel at the end of the candle useful life. One version of the holder (10, 400) includes a barrier (80) extending upwardly around the holder for catching a drooping wick from causing secondary wicking and possible flashover near the end of the candle (100) useful life.

IPC 1-7
C11C 5/00; F21V 35/00

IPC 8 full level
C11C 5/00 (2006.01); **F21V 35/00** (2006.01); **F23D 3/16** (2006.01)

CPC (source: EP)
C11C 5/006 (2013.01)

Citation (search report)

- [A] WO 9845650 A1 19981015 - LUMI LITE CANDLE COMPANY INC [US]
- See references of WO 03016443A1

Cited by
DE202015002111U1; DE102016000717A1; DE102016000717B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03016443 A1 20030227; CA 2457064 A1 20030227; CA 2457064 C 20091110; CN 1288229 C 20061206; CN 1556848 A 20041222; EP 1417289 A1 20040512; EP 1417289 A4 20051019; EP 1417289 B1 20090923; MX PA04001477 A 20040520

DOCDB simple family (application)
US 0226313 W 20020816; CA 2457064 A 20020816; CN 02818508 A 20020816; EP 02757217 A 20020816; MX PA04001477 A 20020816