

Title (en)
Candle and method for manufacturing a candle

Title (de)
Kerze und Herstellungsverfahren einer Kerze

Title (fr)
Bougie et son procédé de fabrication

Publication
EP 1792971 A1 20070606 (DE)

Application
EP 06025158 A 20061205

Priority
• DE 102006030123 A 20060628
• DE 102005058108 A 20051205

Abstract (en)
The candle includes wick area, which exhibits wick holder insert (51) with a fixation area for the wick (26) and with spacing region (53) for maintaining predetermined spacing to a base (9) of the candle, and a candle holding device exhibiting a retaining drift. The spacing region is formed with a cavity opened to the candle base. The retaining drift is introduced into the cavity, which is filled with a wax. The spacing region exhibits an area propagating towards the candle base. The wick holder insert is formed as a casing, which radially encloses the wick in longitudinal direction. The candle includes wick area, which exhibits wick holder insert (51) with a fixation area for the wick (26) and with spacing region (53) for maintaining predetermined spacing to a base (9) of the candle, and a candle holding device exhibiting a retaining drift. The spacing region is formed with a cavity opened to the candle base. The retaining drift is introduced into the cavity, which is filled with a wax. The spacing region exhibits an area propagating towards the candle base. The wick holder insert is formed as a casing, which radially encloses the wick in longitudinal direction. The wick holder insert is made of tinned copper formed in the fixation area and is made of plastic formed in the spacing region. The heat resistant material of the wick holder insert has specific heat conductivity of 0.2 W/km. The candle is provided with the base, ring-shaped recess, whose geometry corresponds with a sidewall of a holding device and which is formed in such a way that the candle is held in tilt-proof manner under the use conditions and a liquefied candle material (29) is held back by the holding device. The recess for using the wick, the wick holder insert and the sidewall, is pressed or cast or dipped. A surface coating is applied on the candle body by dipping process. The candle body is dipped with the recess/the recesses, and the recess/recesses brought into the candle body before the dipping process, is dimensioned in such a manner that the width of the recess/recesses results by the surface coating. Independent claims are included for: (1) a manufacturing process of a candle; and (2) a combination from a candle and a holder.

Abstract (de)
Um eine Kerze (2) mit einem Dochtbereich (10) sicher auszubilden, wird vorgeschlagen, dass der Dochtbereich (10) einen Dochtthalteeinsatz (51) aufweist mit einem Befestigungsbereich (52) für den Docht (26) und einen Abstandsbereich (53) zur Aufrechterhaltung eines vorbestimmten Abstands (54) zu einem Kerzenboden (9) der Kerze (2), wobei der Abstandsbereich (53) des Dochtthalteeinsatzes (51) mit einer zum Kerzenboden (9) hin geöffneten Aushöhlung (55) ausgebildet ist.

IPC 8 full level
C11C 5/00 (2006.01)

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

Citation (applicant)
• WO 03016443 A1 20030227 - BATH & BODY WORKS INC [US], et al
• WO 0233315 A1 20020425 - RECKITT BENCKISER UK LTD [GB], et al
• EP 1054054 A1 20001122 - LANCASTER COLONY CORP [US]
• US 6220855 B1 20010424 - ASHEIM STEVEN K [US]

Citation (search report)
• [XY] WO 03016443 A1 20030227 - BATH & BODY WORKS INC [US], et al
• [X] WO 0233315 A1 20020425 - RECKITT BENCKISER UK LTD [GB], et al
• [X] EP 1054054 A1 20001122 - LANCASTER COLONY CORP [US]
• [Y] US 6220855 B1 20010424 - ASHEIM STEVEN K [US]

Cited by
DE202010008473U1; DE102012201085A1; DE102021209650A1; WO2013182657A1; DE102011002037A1; DE102011002037B4; EP2628783A1; DE102012202524A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1792971 A1 20070606; EP 1792971 B1 20120829

DOCDB simple family (application)
EP 06025158 A 20061205