

Title (en)
THE METHOD OF MANUFACTURING A COMBUSTIBLE CANDLE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER BRENNBAREN KERZE

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE BOUGIE COMBUSTIBLE

Publication
EP 3653690 B1 20240214 (EN)

Application
EP 18460065 A 20181115

Priority
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Abstract (en)
[origin: EP3653690A1] The method of manufacturing a combustible candle consists in that a candle wick (6) is soaked in combustible material (7) and arranged in a guide (5) is inserted into a hydraulic press seat (1). The press seat (1) is then filled with the shredded combustible material (7), and then a press punch (9) is inserted into the press seat (1) at a pressure of 20 bar to 300 bar and a candle (13) of the combustible material (7) with the wick (6) is formed. Then the formed candle (13) is removed from the press seat. After filling the press seat (1) with the combustible material (7) and before inserting the punch (9) into the press seat, a flat element (8) of non-combustible material with a thickness of 0.03 mm to 0.75 mm is placed on the surface of the combustible material (7). In the same pressure forming operation of the candle at least one embossment (11) into the interior of the candle (13) is formed in said flat element (8) of non-combustible material using the punch (9). The flat element (8) of non-combustible material is a metal plate, wherein the press punch (9) cooperating with the plate comprises on the working surface at least one central embossment (10) towards the interior of the candle.

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