

Title (en)

Apparatus and method for impregnating a candle wick, forming device and method for the mechanical production of a self-extinguishing candle

Title (de)

Vorrichtung und Verfahren zum Imprägnieren eines Kerzen-Dochtes, Formvorrichtung und Verfahren zur maschinellen Herstellung einer selbstverlöschenden Kerze

Title (fr)

Dispositif et procédé destinés à imprégner une mèche de bougie, dispositif de formage et procédé destinés à la fabrication mécanique d'une bougie auto-extinguible

Publication

EP 2628783 B1 20140903 (DE)

Application

EP 13154583 A 20130208

Priority

DE 102012202524 A 20120220

Abstract (en)

[origin: EP2628783A1] The device comprises an injection unit with a needle (30), which is movable in a feed device between a passive position away from a wick (11) and an active position, where the needle is inserted into the wick such that an impregnating agent (37) is injected into the wick through an opening. A tapered tip of opening of the needle has a bevel with the wick in a longitudinal direction. The feed device has clamping jaws for fixing the wick during insertion of the injection needle in the wick. A pigment such as a quick-drying ink is provided as the impregnation agent. Independent claims are included for: (1) a molding apparatus for manufacture of a self-extinguishing candle; and (2) a method for the impregnation of a candle wick.

IPC 8 full level

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CPC (source: EP)

C11C 5/004 (2013.01); **C11C 5/021** (2013.01)

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