

Title (en)

SYSTEM FOR TATTOOING A SKIN SURFACE, AND CORRESPONDING METHOD

Title (de)

SYSTEM ZUM TÄTOWIEREN EINER HAUTFLÄCHE UND ENTSPRECHENDES VERFAHREN

Title (fr)

SYSTÈME DE TATOUAGE D'UNE SURFACE CUTANÉE ET PROCÉDÉ CORRESPONDANT

Publication

**EP 3717054 A1 20201007 (EN)**

Application

**EP 18829984 A 20181128**

Priority

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- IB 2018059385 W 20181128

Abstract (en)

[origin: WO2019106552A1] System (1) for tattooing a skin surface comprising a tattoo machine (2) with an electric actuating means (3) for moving a needle (12) of a cartridge (14), and a control unit (5) comprising a microcontroller adapted to generate pilot signals for commanding the electric actuating means (3) in order to move the needle (12) by an oscillatory motion having a period (T), the control unit (5) being configured to receive control signals and values of setting parameters adapted to initialize said the machine (2), the control signals comprising electric consumption signals of the electric actuating means (3) and signals regarding the position of the needle (12) with respect to the cartridge (14), the microcontroller processing the control signals and values for generating pilot signals in order to control the period (T) of the oscillatory motion of the needle (12). A method of tattooing a skin surface is also provided.

IPC 8 full level

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