

Title (en)

SCREEN PRINTING DEVICE HAVING A SCREEN PRINTING STENCIL AS WELL AS USING METHOD

Title (de)

SIEBDRUCKVORRICHTUNG MIT EINER SIEBDRUCKSCHABLONE SOWIE VERWENDUNGSVERFAHREN

Title (fr)

DISPOSITIF DE SÉRIGRAPHIE COMPRENANT UN POCHOIR DE SÉRIGRAPHIE AINSI QUE PROCÉDÉ D'UTILISATION

Publication

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Application

**EP 19723409 A 20190510**

Priority

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Abstract (en)

[origin: WO2020074136A1] The invention relates to a screen printing device having a screen printing stencil (01), wherein: at least two doctor blade systems (04; 06) each acting on said screen printing stencil (01) are provided; the at least two doctor blade systems (04; 06) are arranged to each apply printing ink to an object (03) to be printed, in the same printing process; each of said doctor blade systems (04; 06) has at least one doctor blade (07; 08); each of said doctor blades (07; 08) is arranged to sweep over the screen printing stencil (01); each of said doctor blade systems (04; 06) is individually controlled by a control unit; the at least one doctor blade (07; 08) of each of said doctor blade systems (04; 06) is moved by a robot (09; 11); respective at least two-dimensional motion paths (21) of the doctor blades (07; 08) of each doctor blade system (04; 06) are each freely programmed and are established by the control of the robot (09; 11) in question.

IPC 8 full level

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