

Title (en)
SCREEN PRINTING DEVICE HAVING A SCREEN PRINTING STENCIL

Title (de)
SIEBDRUCKVORRICHTUNG MIT EINER SIEBDRUCKSCHABLONE

Title (fr)
DISPOSITIF DE SÉRIGRAPHIE COMPRENANT UN POCHOIR DE SÉRIGRAPHIE

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Application
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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.

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