

Title (en)

Method of screen printing and group of screens for use in this method

Title (de)

Siebdruckverfahren und Siebdruckschablonengruppe zur Verwendung in diesem Verfahren

Title (fr)

Procédé de sérigraphie et groupe d'écrans pour l'utilisation dans ce procédé

Publication

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Application

EP 05101383 A 20050223

Priority

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- NL 1026452 A 20040618

Abstract (en)

[origin: EP1566278A1] The invention relates to a process for screenprinting one or more colours of ink on a substrate. A halftone pattern is provided on a screen for each colour of ink, and the ink is forced through the screen provided with the halftone pattern and onto the substrate. The diagonal screen orientation of the screen and the orientation of the halftone pattern include an angle of +30 DEG or -30 DEG . The best value for the number of lines per centimetre of the pattern equals $(Z/n) \times \cos 30 \text{ DEG}$ or $Z/2 \times (1/n + 1/n+1) \times \cos 30 \text{ DEG}$, wherein Z is the number of wires per centimetre of the screen and n is an integer. A group of screens for use with this screenprinting process comprises two types of screens, with the diagonal screen orientations of the screens of the two different types including an angle of 30 DEG . <IMAGE>

IPC 8 full level

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