

Title (en)

Preparation of flexographic printing plates using ink jet recording

Title (de)

Bereitung von Flexodruckplatten mittels Tintenstrahlaufzeichnung

Title (fr)

Préparation des plaques d'impression flexographiques utilisant l'enregistrement à jet d'encre

Publication

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Application

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Priority

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Abstract (en)

Upon a substrate subsequent layers of elastic ink are jetted using an ink jet printing system. Each layer is immobilised by a immobilisation step before jetting the following layer. <??>A printing relief is gradually formed to obtain a flexographic printing plate allowing accurate control over the relief and slopes of the printing plates. <??>Use can be made of different inks or immobilisation step to obtain different layer characteristics. <??>Inks can be immobilised using UV curing. <??>The recorded relief of the layers can be measured and corrections can be applied using a feed-back loop. <??>A rejuvenation process for printing plates can be constructed using the described method. <??>An elastic base layer can be provided on the substrate to provide better plate characteristics. <IMAGE>

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Citation (applicant)

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