

Title (en)

Imaging apparatus and process with intermediate transfer element

Title (de)

Verfahren und Gerät zur Bilderzeugung mit einem Zwischenübertragungselement

Title (fr)

Procédé et appareil de formation d'images utilisant un élément de transfert intermédiaire

Publication

**EP 0453762 B1 19960918 (EN)**

Application

**EP 91104271 A 19910319**

Priority

US 51340890 A 19900423

Abstract (en)

[origin: EP0453762A2] Disclosed is an imaging apparatus which comprises an imaging member, a means for generating an electrostatic latent image on the imaging member, a means for developing the latent image, an intermediate transfer element having a charge relaxation time of no more than about  $2 \times 10^{-2}$  seconds to which the developed image can be transferred from the imaging member, and a means for transferring the developed image from the intermediate transfer element to a substrate. Also disclosed is an imaging process which comprises generating an electrostatic latent image on an imaging member, developing the latent image, transferring the developed image to an intermediate transfer element having a charge relaxation time of no more than about  $2 \times 10^{-2}$  seconds, which enables the transfer with very high transfer efficiency of the developed image from the intermediate transfer element to a substrate.

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**G03G 15/16**

IPC 8 full level

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CPC (source: EP)

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Cited by

NL1001471C2; US5357330A; EP0773482A1; FR2715483A1; EP0549195A1; DE10001452A1; DE10001452C2; EP0715229A1; US5715510A; DE19849500A1; DE19849500C2; EP0716355A1; US5745831A; US6487386B1

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