

Title (en)

Color electrostatographic apparatus and method comprising intermediate fixing steps.

Title (de)

Elektrostatographisches Farbgerät und -verfahren mit Fixierzwischenschritten.

Title (fr)

Méthode et appareil électrostatographique en couleurs comprenant des étapes de fixage intermédiaire.

Publication

EP 0491086 A1 19920624 (EN)

Application

EP 90203346 A 19901217

Priority

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Abstract (en)

An electrostatographic imaging process and apparatus is described wherein a multi color image is formed by the transfer to a receiver of a set of colored toner compositions and fixing of the entire set of colored toner compositions transferred to said receiver characterised in that at least once and according to a preferred mode, after each transfer to said receiver of a colored toner composition and before the transfer to said receiver of the subsequent colored toner composition, a sintering of the transferred colored toner composition unto said receiver is executed. The electrostatographic imaging process may either be a xerocopying or xeroprinting process, whilst the sintering is preferentially executed by the application of the flash fusing process, e.g. by a Xenon flash lamp, and the final fixing is preferentially executed by the application of the heated roller fusing process.

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IPC 8 full level

G03G 15/01 (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP)

G03G 15/0194 (2013.01); **G03G 15/201** (2013.01); **G03G 15/0163** (2013.01); **G03G 2215/0119** (2013.01)

Citation (search report)

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- [A] US 4286031 A 19810825 - KUEHNLE MANFRED R, et al
- [X] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 217 (P-152)[1095], 30th October 1982; & JP-A-57 120 956 (TOYO DENKI SEIZO K.K.) 28-07-1982
- [X] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 271 (P-320)[1708], 12th December 1984; & JP-A-59 137 970 (CANON K.K.) 08-08-1984
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 165 (P-291)[1602], 31st July 1984; & JP-A-59 62 878 (NIPPON DENSHIN DENWA KOSHA) 10-04-1984
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Designated contracting state (EPC)

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