

Title (en)

METHOD AND APPARATUS FOR IMAGING USING AN INTERMEDIATE TRANSFER MEMBER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BILDFORMUNG UNTER VERWENDUNG EINES ZWISCHENÜBERTRAGUNGSGLIEDES

Title (fr)

PROCEDE ET APPAREIL D'IMAGERIE AU MOYEN D'UN ELEMENT DE TRANSFERT INTERMEDIAIRE

Publication

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Application

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Abstract (en)

[origin: WO9004216A1] Method an apparatus for transfer of a liquid toner image, containing carrier liquid and toner particles which solvate the carrier liquid at a solvation temperature above room temperature, from an image bearing surface to a substrate, the apparatus including an intermediate transfer member positioned in operative association with the image bearing surface, transferring the image from the image bearing surface onto the intermediate transfer member, and heating the image on the intermediate transfer member to a temperature above the solvation temperature, below the melting point of the toner particles and below the boiling point of the carrier liquid prior to transfer of the image to the substrate so as to cause the image to adhere to the substrate. There is also provided imaging apparatus including a flexible substrate, apparatus for tensioning the flexible substrate in at least two directions and apparatus for bringing the tensioned flexible substrate into image transfer engagement with an image bearing surface. A method of imaging using the apparatus is also described.

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