

METHOD AND APPARATUS FOR MAGNETIC TRANSFER

ABSTRACT OF THE DISCLOSURE

The present invention provides a method for magnetic transfer, said method comprising the steps of arranging a pair of permanent magnets each having magnetic field symmetrical to the axis of the magnetic pole and with the same polarities facing to each other with the axis of the magnetic pole running perpendicularly to the surface of the slave medium, and arranging two pairs of said permanent magnets at adjacent positions so that the adjacent magnets have the poles with opposite polarities adjacent to each other, rotating said slave medium or said two pairs of permanent magnets in track direction, and applying magnetic field in track direction on the surface of the slave medium, performing initial DC magnetization on the slave medium in advance in track direction, bringing the master carrier for magnetic transfer and the slave medium processed by said initial DC magnetization closely together, and performing magnetic transfer by applying magnetic field for transfer in a direction reverse to the direction of the initial DC magnetization on the surface of the slave medium in track direction.

FIGURE: NONE