

Title (en)  
Printing apparatus using magnetization devices for writing and erasing of an image

Title (de)  
Druckvorrichtung mit Magnetisierungsverfahren und vorrichtung zur Bilderzeugung

Title (fr)  
Appareil d'impression utilisant la magnetisation pour ecrire l'image

Publication  
**EP 1783564 A3 20070620 (EN)**

Application  
**EP 05292185 A 20051017**

Priority  
EP 05292185 A 20051017

Abstract (en)  
[origin: EP1783564A2] In a printing apparatus, comprising a layer (3) which can be magnetized at least in sections, a first magnetizing device (1) with a first north-south polarization direction (4) for introducing a first magnetization direction (25) into the magnetizable layer (3), and a second magnetization device (2) with a second north-south polarization plane (17) for introducing a second magnetization direction (26) into the magnetizable layer (3), with the first magnetization device (1) and the second magnetization device (2) being provided for the predeterminable magnetization of a first position (22) of the magnetizable layer (3), with a displacement of the first position (22) to an effective region of the second magnetization device (2) being optionally provided, it is proposed for improving the print quality, especially the achievable resolution, that the first magnetization device (1) and the second magnetization device (2) are arranged in such a way that a first magnetization direction (25) can be produced at the first position (22) and/or a second magnetization direction (26) which is substantially normal to the first magnetization direction (25).

IPC 8 full level  
**G03G 15/16** (2006.01); **G03G 19/00** (2006.01)

CPC (source: EP)  
**G03G 19/00** (2013.01)

Citation (search report)

- [X] JP H09197898 A 19970731 - SHARP KK
- [A] US 4449130 A 19840515 - MAGNETIC JEAN [FR]
- [A] US 4202022 A 19800506 - IMAMURA NOBUTAKE [JP], et al
- [A] JP S59177564 A 19841008 - FUJI XEROX CO LTD
- [A] US 4459598 A 19840710 - OHTA WASABURO [JP]
- [A] JP 2000284516 A 20001013 - DAINIPPON INK & CHEMICALS

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