

Title (en)

Method and device for idle discharge of an inkjet printhead

Title (de)

Verfahren und Vorrichtung zum Freispritzen eines Tintendruckkopfes

Title (fr)

Méthode et dispositif de purge d'une tête d'impression à jet d'encre

Publication

EP 1782955 A1 20070509 (DE)

Application

EP 06021927 A 20061019

Priority

DE 102005052151 A 20051102

Abstract (en)

The method involves relatively moving a parallel unit (4) in a flat area or in a layer parallel to a nozzle surface of an ink print head in connection with a free-injection of the print head. Ink drops ejected from the print head are redirected in motion of drops by a fast rotating movement of a disc (40) or the parallel unit during the free-injection of the print head, where the print head is moved during the free-injection. An independent claim is also included for a device for free-injection of an ink print head of an ink print system.

IPC 8 full level

B41J 2/165 (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)

B41J 2/16505 (2013.01 - EP US); **B41J 2/1742** (2024.05 - EP); **G07B 17/00508** (2013.01 - EP US); **B41J 2/1742** (2024.05 - US); **G07B 2017/00532** (2013.01 - EP US); **G07B 2017/00556** (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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