

Title (en)
Liquid ejecting system

Title (de)
Flüssigkeitsausgabesystem

Title (fr)
Système d'éjection de liquide

Publication
EP 2165835 B1 20110907 (EN)

Application
EP 09170049 A 20090911

Priority
JP 2008240589 A 20080919

Abstract (en)
[origin: EP2165835A2] A liquid ejecting system includes a liquid cartridge, a mounting portion to which the liquid cartridge is mounted, a mount detector configured to detect the liquid cartridge mounted to the mounting portion, an optical detector comprising a light emitter and a light receiver, a magnetic field generator, a magnetic field controller, and a state determiner configured to determine a state of the liquid cartridge. The liquid cartridge includes a liquid chamber for storing liquid, and a pivotable member configured to move relative to a position of a surface of the liquid in the liquid chamber, and a contact portion. The pivotable member comprises a ferromagnetic portion. The magnetic field generator is configured to generate a magnetic field from which the ferromagnetic portion receives a force. The magnetic field controller is configured to control the magnetic field generator such that strength of the magnetic field around the ferromagnetic portion changes.

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