

Title (en)

LUBRICANT SUPPLY DEVICE, PROCESS CARTRIDGE, AND IMAGE FORMING APPARATUS

Title (de)

SCHMIERMITTELZUFÜHRVORRICHTUNG, PROZESSKARTUSCHE UND BILDERZEUGUNGSEINRICHTUNG

Title (fr)

DISPOSITIF D'ALIMENTATION EN LUBRIFIANT, CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGES

Publication

EP 3951507 A1 20220209 (EN)

Application

EP 21189910 A 20210805

Priority

JP 2020133709 A 20200806

Abstract (en)

A lubricant supply device (15) supplies a lubricant to a surface of an image bearer (11) at a position downstream from a cleaning blade (14a) in a rotation direction of the image bearer (11). The lubricant supply device (15) includes a conveying path (15g, 15h) configured to feed the lubricant from an inside of the lubricant supply device (15) to an inside of a cleaning device (14) in which the cleaning blade (14a) configured to contact the image bearer (11) is disposed, without passing through the image bearer configured to bear a toner image. The conveying path (15g, 15h) is configured to feed the lubricant to the surface of the image bearer (11) at a position upstream from the cleaning blade (14a) in the rotation direction of the image bearer (11).

IPC 8 full level

G03G 21/00 (2006.01)

CPC (source: EP)

G03G 21/0011 (2013.01); **G03G 21/0076** (2013.01); **G03G 21/0094** (2013.01)

Citation (applicant)

- JP 2008046301 A 20080228 - RICOH KK
- JP 2010019982 A 20100128 - RICOH KK

Citation (search report)

- [AD] JP 2010019982 A 20100128 - RICOH KK
- [A] JP 2007292920 A 20071108 - RICOH KK
- [AD] JP 2008046301 A 20080228 - RICOH KK

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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