

Title (en)

Fixing device and image forming apparatus incorporating same

Title (de)

Fixiervorrichtung und Bilderzeugungsvorrichtung damit

Title (fr)

Dispositif de fixation et appareil de formation d'images l'intégrant

Publication

EP 2413199 B1 20200226 (EN)

Application

EP 11174029 A 20110714

Priority

JP 2010167286 A 20100726

Abstract (en)

[origin: EP2413199A1] A fixing device (20) includes a separator presser (27) that presses against a plurality of separators (23) to separate the separators (23) from a fixing rotary body (21) that contacts an opposed rotary body (22) to form a fixing nip (N) therebetween through which a recording medium (P) bearing a toner image passes. A single driver (30) is connected to the separator presser (27) to separate the separator presser (27) from the separators (23). An entering recording medium detector (34) is disposed upstream from the fixing nip (N) in a conveyance direction of the recording medium (P) to detect the recording medium (P). A controller (37) is connected to the driver (30) to control the driver (30) based on a detection signal sent from the entering recording medium detector (34) to change a contact time period for which the separators (23) contact the fixing rotary body (21).

IPC 8 full level

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CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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