

Title (en)
IMAGE FORMING APPARATUS

Title (de)
BILDERZEUGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE FORMATION D'IMAGE

Publication
EP 3096187 B1 20200422 (EN)

Application
EP 16168781 A 20160509

Priority
• JP 2015101512 A 20150519
• JP 2015165467 A 20150825

Abstract (en)
[origin: EP3096187A1] An image forming apparatus (1) includes an image bearer (12), a first driver (61) to rotate the image bearer (12), a developing device (13) including a developing roller (13a), a second driver (62) to rotate the developing roller (13a), and a controller (60) to control the first driver (61) and the second driver (62) and set a linear speed ratio (X) of the developing roller (13a) relative to the image bearer (12). The controller (60) executes first driving in which the developing roller (13a) rotates with rotation of the image bearer (12) stopped in an idle time and executes second driving for a predetermined period (D2) subsequent to the first driving. The linear speed ratio (X) is set to a first ratio (X1) smaller than 1 in the second driving and to a second ratio (X2) equal to or greater than 1 in image formation.

IPC 8 full level
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CPC (source: EP)
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Cited by
EP3477399A1; JP2019078881A; US10976685B2

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