

Title (en)
Image forming apparatus

Title (de)
Bilderzeugungsgerät

Title (fr)
Appareil de formation d'images

Publication
EP 1229403 A3 20071226 (EN)

Application
EP 02001962 A 20020201

Priority

- JP 2001027198 A 20010202
- JP 2001084528 A 20010323
- JP 2001081458 A 20010321
- JP 2001081590 A 20010321

Abstract (en)
[origin: EP1229403A2] A first control member (22) is disposed in a drum shaft (21) away from a photoconductive drum (12), and a second control member (23) is disposed in a roller shaft (25) away from a transfer roller (16). The first and second control members (22, 23) abut on each other at their circumferential surfaces. This helps reduce an amount of displacement resulting from an impact caused by insertion of a recording paper sheet (19) in between the photoconductive drum (12) and the transfer roller (16), and thereby reduce vibrations in the photoconductive drum (12). Consequently, a toner image formed on the photoconductive drum (12) and an unfixed toner image transferred onto the recording paper sheet (19) are not affected by vibrations, so that a high-quality image is obtained that is free from blurriness or irregularities.

IPC 8 full level
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CPC (source: EP)
G03G 15/167 (2013.01); **G03G 15/6564** (2013.01); **G03G 15/657** (2013.01)

Citation (search report)

- [X] US 5515154 A 19960507 - HASEGAWA TAKASHI [JP], et al
- [X] JP 2000250335 A 20000914 - KYOCERA MITA CORP
- [X] US 6144822 A 20001107 - YAMAGUCHI TOSHITAKA [JP], et al & US 6256472 B1 20010703 - MIYAKE TAKASHI [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 426 (P - 1105) 13 September 1990 (1990-09-13)

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