

Title (en)  
Image generating apparatus

Title (de)  
Bilderzeugungsgerät

Title (fr)  
Appareil de formation d'images

Publication  
**EP 1757459 A3 20090506 (EN)**

Application  
**EP 06252978 A 20060609**

Priority  
JP 2005239554 A 20050822

Abstract (en)  
[origin: EP1757459A2] An image generating apparatus capable of rotating and rotatably supporting a gear while reducing the number of components is obtained. This image generating apparatus comprises a normally and reversely rotatable drive gear (9), a driven gear (10a) meshing with the drive gear and a rotating arm (10b) of resin integrally provided with a rotation fulcrum portion (10i) rotatably mounted on the drive gear, a support shaft (10f) rotatably supporting the driven gear and a spring portion (10g) outwardly inclined by a prescribed angle with respect to the extensional direction of the support shaft.

IPC 8 full level  
**B41J 13/076** (2006.01); **B41J 13/10** (2006.01)

CPC (source: EP US)  
**B41J 13/025** (2013.01 - EP US); **B41J 13/076** (2013.01 - EP US)

Citation (search report)

- [A] WO 8400725 A1 19840301 - FACIT AB [SE]
- [A] US 3966276 A 19760629 - BELLARBRE RAYMOND, et al
- [A] US 1900102 A 19330307 - GOING GEORGE G
- [A] US 5051010 A 19910924 - STEPHENS FRED O [US], et al
- [DA] JP 2004225761 A 20040812 - RICOH KK

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CN107471692A; EP3162581A4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1757459 A2 20070228; EP 1757459 A3 20090506; EP 1757459 B1 20110302**; AT E500068 T1 20110315; DE 602006020378 D1 20110414; JP 2007054969 A 20070308; US 2007040322 A1 20070222

DOCDB simple family (application)  
**EP 06252978 A 20060609**; AT 06252978 T 20060609; DE 602006020378 T 20060609; JP 2005239554 A 20050822; US 45575306 A 20060620