

Title (en)

Image forming apparatus using an ink-jet method

Title (de)

Ein Tintenstrahlverfahren nutzendes Bilderzeugungsgerät

Title (fr)

Dispositif de formation d'images utilisant un procédé à jet d'encre

Publication

EP 1790487 A1 20070530 (EN)

Application

EP 06255995 A 20061123

Priority

JP 2005338303 A 20051124

Abstract (en)

An image forming apparatus (100; 200) using an ink jet method includes an ink jet head (15) including a nozzle, configured to discharge ink from the nozzle to form an image on a recording medium (S), a carriage (14) configured to convey the ink jet head in a main scanning direction so that the ink jet head mounted thereon forms the image in the main scanning direction, a platen (12) configured to support the recording medium, wherein the recording medium is conveyed along the platen so that the image is formed in a sub-scanning direction, a jam detection mechanism (101, 102, 103) configured to detect a jam of the recording medium, and a vary mechanism (122, 130; 208, 209) configured to vary a distance between the ink jet head and the platen according to the jam detection performed by the jam detection mechanism.

IPC 8 full level

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CPC (source: EP)

B41J 11/006 (2013.01); **B41J 11/20** (2013.01); **B41J 25/316** (2013.01)

Citation (applicant)

EP 1683643 A2 20060726 - SEIKO EPSON CORP [JP]

Citation (search report)

- [PX] EP 1683643 A2 20060726 - SEIKO EPSON CORP [JP]
- [A] JP 2003128302 A 20030508 - SONY CORP
- [A] EP 1582366 A2 20051005 - BROTHER IND LTD [JP]

Cited by

CN101417532A; CN104385791A; EP4124459A1; EP2740606A1; CN105599447A; EP3587131A1; EP2085236A1; US8020959B2; US9688082B2; US8523311B2; US8651611B2; US8267509B2; US8277014B2; US9114648B2

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