

Title (en)
Ink jet recording head carriage and an apparatus with same.

Title (de)
Tintenstrahlkopf-Wagen und ein Apparat mit demselben.

Title (fr)
Chariot de tête à jet d'encre et appareil comprenant celui-ci.

Publication
EP 0418821 A2 19910327 (EN)

Application
EP 90117937 A 19900918

Priority

- JP 24108089 A 19890918
- JP 24108189 A 19890918
- JP 24108289 A 19890918
- JP 24108389 A 19890918

Abstract (en)
A carriage (6), movable along a predetermined path, for detachably mounting thereon an ink jet recording head (9) includes an abutment portion (601a,b,c) for positioning the recording head in a horizontal direction; an engageable member (603), disposed at a side of the carriage facing in a movement direction thereof, for engaging with the recording head, the engageable member is rotatable and translatable; and an operating lever (602), disposed at a side of the carriage facing in the movement direction, for translating and rotating the engageable member to abut the recording head to the abutment portion, and for rotating the recording head about the abutment portion; a second abutment portion (906a,b,c) for abutment with the rotating recording head to stop it in one rotational direction; and an urging member (607a) for urging the recording head to the second abutment portion, wherein the recording head is mounted on and dismounted from the carrier by moving the operating lever in one direction and by moving it in the opposite direction, respectively.

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B41J 25/34

IPC 8 full level
B41J 25/34 (2006.01)

CPC (source: EP)
B41J 25/34 (2013.01)

Citation (applicant)

- JP S6456847 A 19890303 - BROTHER IND LTD
- JP S6071260 A 19850423 - ELM CO LTD
- US 4740796 A 19880426 - ENDO ICHIRO [JP], et al
- US 4463359 A 19840731 - AYATA NAOKI [JP], et al
- US 4345262 A 19820817 - SHIRATO YOSHIKI, et al
- US 4313124 A 19820126 - HARA TOSHITAMI
- US 4558333 A 19851210 - SUGITANI HIROSHI [JP], et al
- US 4459600 A 19840710 - SATO YASUSHI [JP], et al
- JP S59123670 A 19840717 - CANON KK
- JP S59138 A 19840105 - NIPPON KOGAKU KK
- JP S6456847 A 19890303 - BROTHER IND LTD
- JP S6071260 A 19850423 - ELM CO LTD

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