

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 B1 19971229 (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)  
[origin: EP0418821A2] 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.

IPC 1-7  
**B41J 25/34**

IPC 8 full level  
**B41J 25/34** (2006.01)

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

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0418821 A2 19910327; EP 0418821 A3 19911227; EP 0418821 B1 19971229**; AT E161484 T1 19980115; DE 69031852 D1 19980205; DE 69031852 T2 19980520

DOCDB simple family (application)  
**EP 90117937 A 19900918**; AT 90117937 T 19900918; DE 69031852 T 19900918