

Title (en)

Ink cartridge, main body and refill unit

Title (de)

Tintenpatrone, Hauptgehäuseanordnung und Nachfülleinheit

Title (fr)

Cartouche d'encre, corps principal et unité de recharge

Publication

EP 1790480 B2 20181226 (EN)

Application

EP 06013000 A 20060623

Priority

- JP 2005342697 A 20051128
- JP 2005345866 A 20051130
- JP 2005377987 A 20051228
- JP 2006081806 A 20060323

Abstract (en)

[origin: EP1790480A1] (PROBLEM) To provide a refill unit, which allows the user, to easily install and remove ink cartridges. (MEANS FOR SOLVING) The refill unit 70 comprises a case 75 and an ink cartridge 63 which is housed in the case 75. The case 75 has an opening 88 on its front surface. Case 75 has a door 76, and this door 76 opens and closes said opening 88. Door 76 comprises pullout members 77. When door 76 is opened, the pullout members 77 pull the ink cartridge 63 out from the case 75. When the door 76 is closed, the pullout members 77 extend in the front-back direction and guide the insertion of a new ink cartridge. The pullout members 77 are arranged opposite each other in the width direction of the ink cartridge 63. The widthwise dimension of the pullout members 77 is set to be smaller than the width dimension of ink cartridge 63.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/1752 (2013.01); **B41J 2/17553** (2013.01)

Citation (opposition)

Opponent :

- EP 1541357 A1 20050615 - RICOH KK [JP]
- EP 1080916 A2 20010307 - SEIKO EPSON CORP [JP]

Cited by

US8449091B2; EP2397330A1; FR2961433A1; EP2397329A1; EP2607080A1; FR2961435A1; EP2397332A1; EP2397334A1; EP2397333A1; CN102285233A; EP2279871A3; EP2397331A1; EP2397335A1; US8596771B2; US8905527B2; DE202008007757U1; EP2505363A3; EP2952353A3; WO2012029494A1; US8534813B2; US8651637B2; US7607771B2; DE202009003510U1; US8025378B2; US8079689B2; US8096646B2; DE102010024064A1; US8534814B2; US8991989B2; EP2279869A3; EP2279870A3; EP2433801A3; EP2433802A3; EP3075545A1; EP3075546A1; EP3205505A1; EP3205506A1; EP2045079B2

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