

Title (en)  
Inkjet cartridge cleaning techniques

Title (de)  
Reinigungstechniken für Tintenstrahlpatronen

Title (fr)  
Techniques de nettoyage de cartouche à jet d'encre

Publication  
**EP 2520432 A1 20121107 (EN)**

Application  
**EP 11165194 A 20110506**

Priority  
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Abstract (en)  
Aspects of this invention relate to processes and devices for cleaning a used inkjet cartridge. According to a first aspect a method is provided for cleaning an inkjet cartridge by forcing flow of ultra-clean water in the inkjet cartridge chamber. In another aspect a device is proposed for forcing the circulation of ultra clean water in the inkjet chamber. The proposed device has means for injecting ultra clean water through the upper part of an inkjet cartridge, through inkjet chamber ventilation holes. The proposed device further comprises means for sucking wastewater through the lower part of the cartridge, through the print-head. For the latter to take place, special adaptors have been developed that attach to the print-head and exercise negative pressure (suction) to the inkjet chamber.

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**B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/17559** (2013.01)

Citation (applicant)  
• US 7802859 B2 20100928 - TYVOLL DAVID A [US], et al  
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Citation (search report)  
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• [X] EP 1867454 A1 20071219 - CANON KK [JP]  
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