

Title (en)  
Ink cartridge

Title (de)  
Tintenkartusche

Title (fr)  
Cartouche d'encre

Publication  
**EP 1862315 B1 20100915 (DE)**

Application  
**EP 07010664 A 20070530**

Priority  
DE 102006026258 A 20060602

Abstract (en)  
[origin: EP1862315A2] The cartridge has a differential pressure valve (8) arranged in an ink outlet opening (4) and comprising a valve seat (9) and a valve body (15) that is movable relative to the valve seat. The valve seat has a valve opening with a circulating sealing surface (11), and a pressure spring (17) is arranged between the valve body and the ink outlet. The valve body is pressed against the sealing surface by using the pressure spring and movable against a closing pressure. The valve body is designed in a deformable manner, such that the sealing surface is movable relative to the ink outlet opening.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: EP US)  
**B41J 2/17513** (2013.01 - EP US); **B41J 2/17523** (2013.01 - EP US); **B41J 2/17556** (2013.01 - EP US); **B41J 2/17596** (2013.01 - EP US)

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