

Title (en)  
Ink cartridge

Title (de)  
Tintenpatrone

Title (fr)  
Cartouche d'encre

Publication  
**EP 1839872 A1 20071003 (EN)**

Application  
**EP 06019206 A 20060913**

Priority  
JP 2006099835 A 20060331

Abstract (en)  
An ink cartridge (1) is provided which allows fabrication by means of resin metal mold molding using a metal mold of simple structure. An ink tank (60) which stores ink, and which also supports a sensor arm (70) in its interior in a manner allowing rocking according to the amount of ink remaining, is formed by a bottomed, box-shaped body (10) possessing a main opening (11) and by a lid (50) which covers the main opening (11) of the body (10), each of which is formed from a resin material. An ink supply path (20) and an air-communicating path (30) communicating with the ink tank (60) are provided on a wall confronting a main opening (11) of the body (10). On the lid (50) there is also provided a supporting flange (51) which projects toward the interior of the ink tank (60) and supports the sensor arm (70) in a manner allowing rocking.

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

CPC (source: EP)  
**B41J 2/17566** (2013.01); **B41J 2002/17573** (2013.01); **B41J 2002/17576** (2013.01)

Citation (search report)

- [DA] JP 2005125738 A 20050519 - BROTHER IND LTD
- [A] EP 1570998 A1 20050907 - BROTHER IND LTD [JP]
- [A] EP 1520709 A1 20050406 - BROTHER IND LTD [JP]

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