

Title (en)
Ink cartridge

Title (de)
Tintenpatrone

Title (fr)
Cartouche d'encre

Publication
EP 1839872 B1 20101117 (EN)

Application
EP 06019206 A 20060913

Priority
JP 2006099835 A 20060331

Abstract (en)
[origin: EP1839872A1] 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)

Cited by
EP2165837A1; EP1944168A1; US11338586B2; US11479047B2; US11292261B2; US11366913B2; US10894423B2; US11034157B2; US11407229B2; WO2020117349A1; WO2021112815A1; US11250146B2; US11364716B2; US11429554B2; US11625493B2; US10875318B1; US10940693B1; US11298950B2; US11318751B2; US11331925B2; US11427010B2; US11479046B2; US11738562B2; US11787194B2; US11312146B2; US11312145B2; US11331924B2; US11345156B2; US11345157B2; US11345158B2; US11345159B2; US11351791B2; US11364724B2; US11407228B2; US11511546B2

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