Title: INK JET CARTRIDGE COMPRISING A POROUS CORE AND METHODS FOR MANUFACTURING THE SAME

Abstract: A method of manufacturing an ink jet cartridge comprising, forming a porous core in the shape of a flow passage; placing the porous core in an ink jet cartridge mold; and injecting a molten material around the porous core. An ink jet cartridge for an ink jet printer having a porous core in the shape of a flow passage; an ink jet cartridge body formed by injecting a molten material around the porous core, wherein the ink jet cartridge body comprises a chamber configured to contain ink, and further wherein the porous core is in fluid communication with the ink in the chamber; and a printhead provided on the ink jet cartridge body and including ink ejection nozzles and ink ejectors, wherein the ink ejection nozzles are in fluid communication with the porous core.
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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC(8) - B41J 2/175 (2007.01)
   USPC - 347/86
   According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   IPC(8) - B41J 2/175 (2007.01)
   USPC - 220/206; 264/47A; 87; 129; 135; 250; 279; 279/1; 328/1; 513; 516; 579; 347/66; 84-87, 92

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
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<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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<tr>
<td>X</td>
<td>US 5,874,978 A (SWANSON et al) 23 February 1999 (23.02.1999) see entire document</td>
<td>1-12, 14-16, 18</td>
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<td>Y</td>
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Date of the actual completion of the international search

22 August 2007

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