

Title (en)
Ink cartridge

Title (de)
Farbstoffkassette

Title (fr)
Cartouche à encre

Publication
EP 0849085 A2 19980624 (EN)

Application
EP 97122189 A 19971216

Priority
JP 33732696 A 19961217

Abstract (en)
An ink cartridge comprises a housing (11) defining an ink chamber (12) and a negative pressure chamber (13). The negative pressure chamber (13) receives therein a porous body (14) impregnated with liquid ink and having a mound (41) at the top surface for defining a space (15) between the top surface and the inner wall of the negative pressure chamber (13). A vent (18) communicated with the space (15) through a uniform passage (17) and an ink outlet port (19) are disposed at the bottom of said negative pressure chamber for alignment in a plane and sealed by a common seal tape (21). <IMAGE>

IPC 1-7
B41J 2/175

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP KR)
B41J 2/175 (2013.01 - KR); **B41J 2/17513** (2013.01 - EP); **B41J 2/17556** (2013.01 - EP)

Cited by
ES2604681A1; US7396114B2; WO2007109925A1; WO2019013753A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0849085 A2 19980624; **EP 0849085 A3 19990217**; AU 4840397 A 19980618; AU 722862 B2 20000810; CA 2224961 A1 19980617; CN 1072119 C 20011003; CN 1185379 A 19980624; JP H10166610 A 19980623; KR 100248322 B1 20000401; KR 19980064278 A 19981007

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EP 97122189 A 19971216; AU 4840397 A 19971216; CA 2224961 A 19971216; CN 97121762 A 19971217; JP 33732696 A 19961217; KR 19970070148 A 19971217; KR 19977000148 A 19971217