

Title (en)

Structure of ink cartridge and method for producing the same

Title (de)

Struktur einer Tintenstrahlpatrone und Verfahren zu ihrer Herstellung

Title (fr)

Structure d'une cartouche à jet d'encre et procédé permettant de la produire

Publication

EP 1440807 A1 20040728 (EN)

Application

EP 03001285 A 20030122

Priority

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Abstract (en)

A structure of an ink cartridge is provided. The structure includes a main body (31), a first sealing element (33) and a second sealing element (34). The main body comprises a first, a second and a third chambers (311, 312, 313). The first chamber (311) is separated with the second and the third chambers (312, 313) via a first partitioning plate (316). The second chamber (312) is separated with the third chamber (313) via a second partitioning plate (317). The first partitioning plate (316) is substantially perpendicular to the second partitioning plate (317). The first, the second and the third chambers (311, 312, 313) have a first, a second and a third exit ports (3110, 3120, 3130) at bases thereof. The first exit port (3110) is directly used as a first opening (3110) for flowing out the first ink. The first and second sealing elements (33, 34) cooperated with a bottom surface of the main body (11) to define channels and openings (3140, 3150) for inks to flow therethrough. <IMAGE>

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Citation (search report)

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