

Title (en)

INK PEN FOR DRAWING OR WRITING

Publication

EP 0234493 B1 19900808 (DE)

Application

EP 87102294 A 19870218

Priority

DE 3605458 A 19860220

Abstract (en)

[origin: US4770558A] In an ink writing instrument, the ink storage space is divided into individual chambers that are inside the housing and are arranged axially one behind one another. The chambers are connected with the writing point by an ink guide. The ink-filled chambers are emptied one after the other by capillaries in the ink guide, air entering the chambers by a ventilation duct in the mouthpiece and the capillary ventilation openings. When ink is removed, no enclosed air volume is formed inside the storage space. In a second embodiment, the chambers are emptied simultaneously, the ventilation duct being opposite the writing point.

IPC 1-7

B43K 7/08

IPC 8 full level

B43K 5/02 (2006.01); **B43K 5/18** (2006.01); **B43K 7/02** (2006.01); **B43K 7/08** (2006.01)

CPC (source: EP US)

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Cited by

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EP 0234493 A1 19870902; **EP 0234493 B1 19900808**; AT E55331 T1 19900815; DE 3764112 D1 19900913; ES 2016578 B3 19901116; JP S62220400 A 19870928; US 4770558 A 19880913

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