

Title (en)
INK CONDUIT FOR THE NIBS OF WRITING IMPLEMENTS

Publication
EP 0140157 B1 19871014 (DE)

Application
EP 84111447 A 19840926

Priority
DE 3338227 A 19831021

Abstract (en)
[origin: US4645367A] A balanced ink feeding system comprises a lamellate body connected to a retaining member holding a writing element for feeding ink to the writing element, the retaining member with the lamellate body being fluid-tightly fastened in a housing sleeve by frictional engagement therewith. The lamellate balanced ink feeding system body includes a tubular member, two ink collecting chamber halves arranged on the tubular member, respective air inlet and outlet grooves conducting air to and from the two chamber halves, and a center air conducting groove between the air inlet groove and air outlet groove, the grooves extending parallel to each other, respective webs projecting from the tubular member for air-tightly separating the air inlet and outlet grooves from the center groove, a flange on the tubular member for closing respective front ends of the air inlet and outlet grooves adjacent the writing element, respective rear ends of the air inlet and outlet grooves remote from the writing element being in communication with the center air conducting groove through a transverse groove, and the transverse groove being in communication with an ink flow control path, a capillary gap and an air passage groove.

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IPC 8 full level
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CPC (source: EP US)
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Cited by
US5372445A; WO9119615A1

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US 4645367 A 19870224; AT E30222 T1 19871015; DE 3338227 A1 19850515; DE 3338227 C2 19851128; EP 0140157 A2 19850508; EP 0140157 A3 19850605; EP 0140157 B1 19871014; JP H0233313 B2 19900726; JP S6122997 A 19860131

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