

Title (en)

Free ink system

Title (de)

Druckregulierte freie Tintenzuführung

Title (fr)

Système à encre libre

Publication

**EP 1775143 B1 20080521 (EN)**

Application

**EP 07001556 A 20020326**

Priority

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- US 27871601 P 20010326

Abstract (en)

[origin: EP1775143A1] A free ink marking instrument for dispensing an ink, including a housing, a reservoir for storing ink within the housing, a feed tube to convey ink communicating with the reservoir, a tip disposed within the feed tube for conveying ink to a substrate at a marking end of the tip, a porous buffer disposed within the housing adjacent the feed tube and configured for storing ink during periods of a decreasing pressure differential between the reservoir and the atmosphere, and bubble separation area in the form of either a hole in the feed tube or a hole or passage formed between the feed tube and the tip, is disclosed.

IPC 8 full level

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