

ABSTRACT

CAPILLARY CONTROL OF INK FLOW IN INK CONTAINERS FOR JET PRINTERS

In an ink container of the kind having a first vented chamber containing ink-absorbent material and a second chamber adapted to contain liquid ink, and in which the first chamber has an ink dispensing outlet and is in communication with the second chamber via a channel in the lower part of the container, means are provided for facilitating the passage of venting air to the intercommunicating channel.

In one form (Fig 3) the vented air (arrowed) passes first via the unsaturated absorber and then via a gap (A32) between the absorber and the inter-chamber wall.

In other forms (of which many examples are given) the container structure includes formations facilitating the passage of air.

Also disclosed are multi-chamber constructions wherein the chambers are in liquid communication via an extended ink-absorber, and wherein the chamber furthest from the one with the dispensing outlet is vented.

Fig. 3