

Title (en)

Fluid dispensing nozzle and feeding apparatus, particularly for a packaging machine.

Title (de)

Füllrohr für Fluidum und Zuführapparat, insbesondere für eine Verpackungsmaschine.

Title (fr)

Ajutage de distribution d'un fluide et appareil d'alimentation, spécialement pour une machine d'emballage.

Publication

**EP 0117329 A2 19840905 (EN)**

Application

**EP 83301048 A 19830228**

Priority

EP 83301048 A 19830228

Abstract (en)

A filling device for cartons C comprises a row of vertical ducts arranged along a path of the cartons C. Each duct includes, progressing downwardly, an upper bellows (30), a ducting section (32) incorporating an inlet valve (33), a lower bellows (35), and a fixed nozzle (37) incorporating an outlet valve (43). The section (32) is vertically reciprocated by a ram (42). The nozzle (37) comprises a tubular housing (38) containing a valve member (43) comprising a closure part (44) co-operating with a valve seat (50) at the lower extremity of the housing (38), a stem (45), and a driving part (46) of inverted cup shape fixedly received with clearance (56) on the stem (45) and movably received with clearance (54) in the housing (38).

IPC 1-7

**B65B 39/00**

IPC 8 full level

**B65B 39/00** (2006.01); **B65B 39/02** (2006.01)

CPC (source: EP)

**B65B 39/004** (2013.01); **B65B 39/02** (2013.01)

Cited by

EP0929443A4; CN111977043A; US5687779A; WO9609957A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0117329 A2 19840905; EP 0117329 A3 19841227**

DOCDB simple family (application)

**EP 83301048 A 19830228**