

Title (en)
FLUID DISPENSER

Publication
EP 0289856 B1 19920708 (DE)

Application
EP 88106259 A 19880420

Priority
DE 3715299 A 19870508

Abstract (en)
[origin: EP0289856A2] In a fluid dispenser (1), an outlet valve (13), controlled by an auxiliary piston (14) of a thrust piston pump (2) is provided essentially completely within the piston unit (6), the auxiliary piston (14) running in a shaft section, constructed as a control cylinder (15), of the piston shaft (8) and being constructed itself as a valve closing component of the outlet valve (13), which component is elastically deformed by running up onto rib-like projections (34) in the control valve (15) in such a way that openings for the medium are released. As a result, whilst obtaining a simple construction of the dispensing device there is the possibility of very finely determining the opening characteristic of the outlet valve (13). <IMAGE>

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/104 (2023.01); **B05B 11/1001** (2023.01)

Cited by
EP0388651A3; US6056727A; EP0795354A3; US4986453A; US5655688A; EP0688608A1; AU677105B2; US5657930A; US7335186B2; EP1033174A2; US6605060B1; WO9640332A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0289856 A2 19881109; EP 0289856 A3 19890830; EP 0289856 B1 19920708; AT E77975 T1 19920715; DE 3715299 A1 19881124; DE 3872585 D1 19920813

DOCDB simple family (application)
EP 88106259 A 19880420; AT 88106259 T 19880420; DE 3715299 A 19870508; DE 3872585 T 19880420