

Title (en)  
DISPENSING DEVICE FOR DOUBLE COMPARTMENT CARTRIDGES

Publication  
**EP 0291753 B1 19901114 (DE)**

Application  
**EP 88107002 A 19880502**

Priority  
CH 194687 A 19870520

Abstract (en)  
[origin: US5005735A] In dispensing apparatus for operating double cartridges with holding flange, a front-face retaining guide with slide-in opening on one side for the holding flange is provided. The problem arises of ensuring effective anchoring between apparatus and cartridge in order to prevent deformations of the holding flange or of the entire cartridge when, for dispensing the cartridge content, the two dispensing plungers of the apparatus are moved out of the apparatus front and push delivery pistons forward which are inserted into the cartridge cylinders. For this purpose, the retaining guide is continuous on both sides of a straight line which connects the centers of both plungers. The slide-in opening extends transversely to the mentioned straight line. Due to this arrangement, the holding flange is rigidly held in the retaining guide, i.e. each of the cartridge cylinders is anchored via the flange at two diametrically opposed locations. Furthermore it becomes possible, in contrast to prior art, to decrease the cartridge flange by lateral sections and to securely anchor even individual cylinders with separate flanges.

IPC 1-7  
**B05C 17/00**

IPC 8 full level  
**F16L 39/00** (2006.01); **B05C 5/00** (2006.01); **B05C 11/10** (2006.01); **B05C 17/005** (2006.01); **F16L 37/00** (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP US)  
**B05C 17/00553** (2013.01 - EP US); **B05C 17/01** (2013.01 - EP US)

Cited by  
US5224628A; US5897028A; DE10038882B4; EP0578896A1; US5330079A; EP1602342A1; US8714409B2

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

DOCDB simple family (publication)  
**EP 0291753 A2 19881123; EP 0291753 A3 19890104; EP 0291753 B1 19901114**; DE 3861055 D1 19901220; ES 2019118 B3 19910601; JP S63310667 A 19881219; US 5005735 A 19910409

DOCDB simple family (application)  
**EP 88107002 A 19880502**; DE 3861055 T 19880502; ES 88107002 T 19880502; JP 12218188 A 19880520; US 19480388 A 19880517