

Title (en)  
DISPENSING PACK

Title (de)  
ABGABEPACKUNG

Title (fr)  
EMBALLAGE DE DISTRIBUTION

Publication  
**EP 1651356 A1 20060503 (DE)**

Application  
**EP 04763619 A 20040729**

Priority  
• EP 2004008524 W 20040729  
• DE 10335842 A 20030805

Abstract (en)  
[origin: WO2005016551A1] Disclosed is a dispensing pack comprising a dosing pump (40) and a container (26) that is connected thereto in a sealing manner and can be aerated by means of the pump. The inventive dispensing pack further comprises a sealing cap (22) enclosing an axial opening, a holder (38) for fixing the pump within the opening of the sealing cap (22), a pump housing (48) encompassing a pump cylinder, a pump piston that is movable in a sealed manner inside the pump chamber and is provided with a piston shaft, an axial outlet duct extending through the piston shaft and the pump piston while connecting the pump chamber to a dispensing port of the actuating head, an inlet valve as well as an outlet valve for the flowable medium, and a helical pressure spring which impinges the pump piston in the direction of the resting position thereof. The volume of the container containing the flowable medium can be adjusted to the decrease in the volume of the flowable medium, which is dispensed from the container. The inner edge (52) of the hole of the seal (41) rests in an airtight manner against the exterior face of the pump housing (48) between the face (27) of the container neck (21) and the external flange (34) of the holder (38).

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP US)  
**B05B 11/026** (2023.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US)

Citation (search report)  
See references of WO 2005016551A1

Cited by  
BE1030614B1

Designated contracting state (EPC)  
DE FR GB IT TR

DOCDB simple family (publication)  
**WO 2005016551 A1 20050224**; DE 10335842 A1 20050310; DE 10335842 B4 20050602; DE 10335842 C5 20110428;  
EP 1651356 A1 20060503; EP 1651356 B1 20120718; US 2007007307 A1 20070111; US 8534506 B2 20130917

DOCDB simple family (application)  
**EP 2004008524 W 20040729**; DE 10335842 A 20030805; EP 04763619 A 20040729; US 56656304 A 20040729