

Title (en)  
DISPENSER FOR MEDIA AND METHOD FOR PRODUCING A DISPENSER

Title (de)  
SPENDER FÜR MEDIEN SOWIE VERFAHREN ZUR HERSTELLUNG EINES SPENDERS

Title (fr)  
DIFFUSEUR POUR MILIEUX AINSI QUE SON PROCEDE DE FABRICATION

Publication  
**EP 1097003 B1 20031001 (DE)**

Application  
**EP 99934631 A 19990708**

Priority  
• DE 19831526 A 19980714  
• EP 9904802 W 19990708

Abstract (en)  
[origin: WO0003812A1] A piston plunger (1) is injection molded from two longitudinal sections (2, 3) in parallel axial position. The shorter component (3) is then pivoted around a hinge joint (4) into position having the same axis as the other component (2) and tightly connected to the latter using locking means (20). The shorter component (3) then forms a nozzle core (67) and the longer component (2) forms a piercing tip (68) for opening a piston membrane (75).

IPC 1-7  
**B05B 11/00**; **B05B 11/02**; **B29C 69/00**

IPC 8 full level  
**B05B 1/00** (2006.01); **B05B 11/00** (2006.01); **B05B 11/02** (2006.01); **B29C 69/00** (2006.01); **B05B 1/34** (2006.01)

CPC (source: EP US)  
**B05B 1/00** (2013.01 - EP US); **B05B 11/0005** (2013.01 - EP); **B05B 11/02** (2013.01 - EP); **B05B 1/3436** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0003812 A1 20000127**; AT E250981 T1 20031015; AU 5033799 A 20000207; BR 9912815 A 20011120; DE 19831526 A1 20000120; DE 59907214 D1 20031106; EP 1097003 A1 20010509; EP 1097003 B1 20031001; ES 2207259 T3 20040516

DOCDB simple family (application)  
**EP 9904802 W 19990708**; AT 99934631 T 19990708; AU 5033799 A 19990708; BR 9912815 A 19990708; DE 19831526 A 19980714; DE 59907214 T 19990708; EP 99934631 A 19990708; ES 99934631 T 19990708