

Title (en)  
FILLING NOZZLE INDUCING A LAMINAR FLOW

Title (de)  
ABFÜLLVENTIL MIT LAMINARER STRÖMUNG

Title (fr)  
BEC DE REMPLISSAGE A ECOULEMENT LAMINAIRE

Publication  
**EP 0836582 A1 19980422 (FR)**

Application  
**EP 96924916 A 19960702**

Priority  
• FR 9601024 W 19960702  
• FR 9508106 A 19950705

Abstract (en)  
[origin: FR2736339A1] A spout comprising a tubular housing (1) with a tapered wall portion (5) adjacent to an outlet port (4), a tapered valve (7) located opposite the tapered wall portion (5) and connected to a position control member (9), and a flow control member (10) arranged upstream from the valve (7) relative the flow direction of the material, and connected to a position control member (11) separate from the position control member of the valve.

IPC 1-7  
**B67C 3/28**; B65B 39/00

IPC 8 full level  
**B65B 39/00** (2006.01); **B67C 3/28** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP US)  
**B65B 39/004** (2013.01 - EP US); **B67C 3/281** (2013.01 - EP US); **B67C 3/286** (2013.01 - EP US); **B67C 2003/2671** (2013.01 - EP US); **Y10T 137/88038** (2015.04 - EP US)

Citation (search report)  
See references of WO 9702207A1

Designated contracting state (EPC)  
BE CH DE ES GB IE IT LI NL

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**FR 2736339 A1 19970110**; **FR 2736339 B1 19970829**; BR 9609438 A 19991103; DE 69601471 D1 19990311; DE 69601471 T2 19990819; EP 0836582 A1 19980422; EP 0836582 B1 19990127; ES 2128869 T3 19990516; JP 2966109 B2 19991025; JP H10511918 A 19981117; US 5816456 A 19981006; WO 9702207 A1 19970123

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