

Title (en)  
Filling head

Title (de)  
Füllelement

Title (fr)  
Tête de remplissage

Publication  
**EP 1122210 A3 20010926 (DE)**

Application  
**EP 00124402 A 20001108**

Priority  
DE 10001482 A 20000115

Abstract (en)  
[origin: DE10001482A1] The filler element (1) at least one gas path formed by a gas channel in the housing and a gas channel provided in an interchangeable insert (5) of a first type having gas flow control elements whilst an insert (5a) of a second type is also provided which does not have gas flow control elements but can be used on the filler element in place of the first insert. The inserts can be swivelled in and out of a functioning position.

IPC 1-7  
**B67C 3/12**; **B67C 3/22**

IPC 8 full level  
**B67C 3/12** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP)  
**B67C 3/12** (2013.01); **B67C 3/22** (2013.01)

Citation (search report)

- [DA] DE 3335898 A1 19850411 - GRANINI GMBH [DE]
- [A] US 2743047 A 19560424 - LESLIE CLARKE
- [A] EP 0953541 A1 19991103 - KHS MASCH & ANLAGENBAU AG [DE]

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

DOCDB simple family (publication)  
**EP 1122210 A2 20010808**; **EP 1122210 A3 20010926**; **EP 1122210 B1 20030514**; BR 0100072 A 20010821; DE 10001482 A1 20010719; DE 50002163 D1 20030618

DOCDB simple family (application)  
**EP 00124402 A 20001108**; BR 0100072 A 20010112; DE 10001482 A 20000115; DE 50002163 T 20001108