

Title (en)  
Binary jet nozzle with exchangeable insert

Title (de)  
Zweistoffsprühdüse mit wechselbarem Einsatz

Title (fr)  
Buse binaire avec un insert changeables

Publication  
**EP 1356868 B1 20031203 (DE)**

Application  
**EP 02008688 A 20020418**

Priority  
EP 02008688 A 20020418

Abstract (en)  
[origin: EP1356868A1] The double medium spray head for an extrusion press has housing (2) for connection to compressed air and water sources and with a mixing chamber (15) connected to a spray nozzle (4) via a pipe (5). The mixing chamber has feed openings (13a,14) formed as parts of an insert (3). The insert can be inserted into the housing on the side of the housing opposite the nozzle.

IPC 1-7  
**B05B 7/04**; **B05B 1/04**; **B22D 11/124**

IPC 8 full level  
**B05B 7/04** (2006.01); **B22D 11/124** (2006.01)

CPC (source: EP KR)  
**B05B 1/04** (2013.01 - KR); **B05B 7/0416** (2013.01 - EP); **B05B 7/0458** (2013.01 - EP); **B22D 11/1246** (2013.01 - EP)

Cited by  
CN108453225A; EP1847325A3; EP2698210A1; CN104624423A; CN102430731A; AT520006A1; CN110678278A; AT520006B1;  
DE102014206685A1; US10286446B2; WO2013017488A1; WO2008001301A3; WO2007087893A1; WO2014026992A3; US8522858B2;  
US8596335B2; DE102011106494A1; DE202011110064U1; US11123793B2; DE102011106494B4

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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 1356868 A1 20031029**; **EP 1356868 B1 20031203**; AT E255468 T1 20031215; DE 50200123 D1 20040115; ES 2210203 T3 20040701;  
KR 100503777 B1 20050726; KR 20030083549 A 20031030

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