

Title (en)  
High pressure nozzle and method for producing a high pressure nozzle

Title (de)  
Hochdruckdüse und Verfahren zum Herstellen einer Hochdruckdüse

Title (fr)  
Buse haute pression et procédé de fabrication d'une buse haute pression

Publication  
**EP 1992415 A3 20100127 (DE)**

Application  
**EP 08008919 A 20080515**

Priority  
DE 102007024247 A 20070515

Abstract (en)  
[origin: EP1992415A2] The nozzle (10) has a feed channel with a beam directing device (26) formed with a discharge opening (22). A neck of the feed channel is provided downstream to the beam directing device. The beam directing device comprises a free flow section in a proximate region that encloses a center longitudinal axis (30) of the feed channel. The nozzle fastens a section with constant width at the neck of feed channel, where the section is crossed over a tapered discharge chamber. The section includes length that is twice the length of the neck of the feed channel. An independent claim is also included for a method for manufacturing a high pressure nozzle.

IPC 8 full level  
**B05B 1/06** (2006.01); **B05B 15/40** (2018.01); **B21B 45/04** (2006.01); **B22F 3/10** (2006.01)

CPC (source: EP KR US)  
**B05B 1/042** (2013.01 - EP KR US); **B05B 1/3402** (2018.08 - EP KR US); **B05B 15/40** (2018.02 - EP KR US); **B21B 45/0233** (2013.01 - KR); **B21B 45/08** (2013.01 - KR); **B22F 3/225** (2013.01 - EP KR US); **B22F 5/106** (2013.01 - EP KR US); **B22F 7/062** (2013.01 - EP KR US); **B05B 1/04** (2013.01 - EP US); **B21B 45/0233** (2013.01 - EP US); **B21B 45/08** (2013.01 - EP US); **Y10T 29/49433** (2015.01 - EP US)

Citation (search report)

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Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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