

Title (en)  
Nozzle plate for spinning.

Title (de)  
Spinndüsenplatte.

Title (fr)  
Filière pour filage.

Publication  
**EP 0656433 A1 19950607 (EN)**

Application  
**EP 94308966 A 19941202**

Priority  
JP 33886993 A 19931202

Abstract (en)  
A nozzle plate for spinning has a plurality of spinning holes (4), each spinning hole (4) comprising a fluid-introducing portion (8) and a fluid-discharging portion (10) having a small inner diameter from which molten fluid sent from the fluid-introducing portion (8) is discharged. At least a part of the inner surface of each spinning hole (4), which is connected to an entrance (10a) of the fluid-discharging portion (10), is formed as a three-dimensional smoothly curved surface (9) so that a form line of the entrance (10a) of the fluid-discharging portion (10) substantially does not appear. A portion causing residence of the molten fluid can be removed, thereby achieving an extremely smooth flow, and the pressure loss can be considerably suppressed. <IMAGE>

IPC 1-7  
**D01D 4/02**; **D01D 5/253**

IPC 8 full level  
**D01D 4/00** (2006.01); **D01D 4/02** (2006.01); **D01D 5/253** (2006.01)

CPC (source: EP KR)  
**D01D 4/02** (2013.01 - EP); **D01D 4/027** (2013.01 - EP KR); **D01D 5/253** (2013.01 - EP KR)

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Designated contracting state (EPC)  
DE

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**EP 0656433 A1 19950607**; **EP 0656433 B1 19981014**; CN 1044499 C 19990804; CN 1116664 A 19960214; DE 69413932 D1 19981119; DE 69413932 T2 19990422; JP 2668849 B2 19971027; JP H07157910 A 19950620; KR 950018701 A 19950722

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