

Title (en)  
Device for spinning synthetic yarns

Title (de)  
Spinnvorrichtung zum Spinnen synthetischer Fäden

Title (fr)  
Dispositif pour le filage de fils synthétiques

Publication  
**EP 0580977 B1 19970924 (DE)**

Application  
**EP 93108161 A 19930519**

Priority  
• DE 4219463 A 19920613  
• DE 9306510 U 19930430

Abstract (en)  
[origin: EP0580977A1] The spinning device for spinning synthetic yarns possesses a perforated cooling tube (5). The filament group is cooled by the ambient air penetrating into the cooling tube. The cooling tube is screened off from the spinning space by a moderating wall (6) or an air box. The air box is under atmospheric pressure or lower air pressure. <IMAGE>

IPC 1-7  
**D01D 5/092**; **D01D 5/098**

IPC 8 full level  
**D01D 5/092** (2006.01); **C01F 7/74** (2006.01); **D01D 5/08** (2006.01); **D01D 5/098** (2006.01)

CPC (source: EP KR)  
**D01D 5/092** (2013.01 - EP KR); **D01D 5/098** (2013.01 - EP KR)

Cited by  
CN101776076A; US5976431A; CN101782061A; US5612063A; EP0613966A1; US5593705A; US5700490A; DE19535143B4; US6572798B2; WO9515409A1; WO0198564A1

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**EP 0580977 A1 19940202**; **EP 0580977 B1 19970924**; CN 1031469 C 19960403; CN 1080335 A 19940105; DE 59307414 D1 19971030; DE 9306510 U1 19930609; ES 2106916 T3 19971116; JP H0657518 A 19940301; KR 940000623 A 19940103; KR 950010742 B1 19950922

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**EP 93108161 A 19930519**; CN 93107245 A 19930610; DE 59307414 T 19930519; DE 9306510 U 19930430; ES 93108161 T 19930519; JP 14061893 A 19930611; KR 930010409 A 19930609