

Title (en)  
Spindle for producing a yarn or a thread

Title (de)  
Spindel zur Herstellung eines Garns oder Zwirns

Title (fr)  
Broche pour la production d'un fil textile

Publication  
**EP 0615011 B1 19960911 (DE)**

Application  
**EP 94102176 A 19940212**

Priority  
DE 4307296 A 19930309

Abstract (en)  
[origin: EP0615011A1] A spindle for producing a yarn or twist, with a spindle rotor (1) which has for a thread (F) a thread-guide channel (2) commencing essentially in the region of the spindle axis and directed radially outwards. After coming out of the thread-guide channel (2), the thread is guided further, thereby forming a balloon, to a centring point (Z) located in the extension of the spindle-rotor axis (A). To introduce a flowable medium (M1), multi-phase if appropriate, into the space surrounded by the thread balloon (F), there is at least one feed conduit (3) directed essentially radially to the space surrounded by the thread balloon (F). The device for feeding the flowable medium can be arranged both on two-for-one twisting spindles and on direct-cabling spindles. <IMAGE>

IPC 1-7  
**D01H 7/86**; **D01H 13/30**; **D01H 1/42**

IPC 8 full level  
**D01H 1/42** (2006.01); **D01H 7/18** (2006.01); **D01H 7/86** (2006.01); **D01H 13/30** (2006.01)

CPC (source: EP US)  
**D01H 1/427** (2013.01 - EP US); **D01H 7/86** (2013.01 - EP US); **D01H 13/306** (2013.01 - EP US); **D02G 3/285** (2013.01 - EP US)

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**DE 4307296 C1 19940825**; CN 1033237 C 19961106; CN 1098450 A 19950208; CZ 284804 B6 19990317; CZ 54094 A3 19940914; EP 0615011 A1 19940914; EP 0615011 B1 19960911; JP H06299421 A 19941025; US 5428948 A 19950704

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