

Title (en)

Device for the high-speed spinning of multifilament yarns and its use.

Title (de)

Vorrichtung zum Schnellspinnen von multifilen Fäden und deren Verwendung.

Title (fr)

Dispositif de filage à grande vitesse de fils multifilaments et son utilisation.

Publication

EP 0530652 B1 19951206 (DE)

Application

EP 92114493 A 19920826

Priority

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- DE 4201119 A 19920117
- DE 4207095 A 19920306

Abstract (en)

[origin: EP0530652A2] Device and its use for the melt-spinning of multifilament yarns consisting of yarn-forming polymers at winding speeds of at least 2000 m/min, with a spinneret (2), a cooling device (4) for solidifying the yarns, a combining member (6) for the filaments and a winding (8), an essentially vertical spinning line (A-A) being provided at least between the spinneret (2) and combining member (6), characterised in that the cooling device is a porous tube (4) which is open in the spinning direction and which is arranged concentrically to the spinning line (A-A), the porous tube (4) being neither preceded nor followed by further devices feeding or removing a cooling medium. <IMAGE>

IPC 1-7

D01D 5/092; **D01D 5/098**; **D01D 5/084**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE19716394C1; EP0580977A1; EP0613966A1; US5688458A; US5976431A; CN107829160A; WO9515409A1; WO9319229A1

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