

Title (en)
Spinning process.

Title (de)
Spinnverfahren.

Title (fr)
Procédé de filage.

Publication
EP 0019383 A1 19801126 (EN)

Application
EP 80301366 A 19800425

Priority
• GB 7916863 A 19790515
• GB 8005838 A 19800221

Abstract (en)
Fibres are produced by centrifugal spinning a solution of a thermosetting aldehyde resin, e.g. an aqueous UF resin solution, and drying the fibres by contact with a stream of hot, dry, air flowing downwardly from above the spinning cup. To avoid premature drying of the resin solution and fibres, a stream of cold, humid, air is fed to the spinning cup (5), from whence it is thrown, by rotation of the cup, as an outwardly directed stream (11) having the fibres (10) entrained therein. This outwardly directed stream of cold, humid, air is deflected downwards, e.g. by the hot, air stream (16) or by a subsidiary cold air stream, to avoid the formation of a vortex into which the fibres might become entangled.

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D01D 5/18; **D01F 6/76**

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D01D 5/18 (2006.01); **D01F 6/76** (2006.01)

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Citation (search report)
• GB 2001578 A 19790207 - ICI LTD
• DE 2810535 A1 19780914 - ICI LTD
• US 2336743 A 19431214 - MANNING FRED W
• US 1357206 A 19201026 - REED FULLER ALLEN

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