

Title (en)

PROCESS FOR IMPROVING THE RUNNING PROPERTIES OF SYNTHETIC YARNS DURING AIR JET TEXTURING

Publication

**EP 0327091 A3 19910508 (DE)**

Application

**EP 89101823 A 19890202**

Priority

DE 3803184 A 19880203

Abstract (en)

[origin: EP0327091A2] In a process for optimising the running properties of synthetic yarns during air texturing processes by wetting the yarns by spraying with process water as the yarns pass through a texturing nozzle, polyalkylene glycol compounds are added to the process water. The molecular weights of the polyalkylene glycol compounds range from 1,000 to 6,000 daltons, preferably from 2,000 to 4,000 daltons. The final concentration of the polyalkylene glycol compounds added is between 2 and 6 per cent by weight, preferably between 3 and 5 per cent by weight. Process water which has been treated in this way prevents the undesirable lodging of fibre deposits in the nozzle unit, extends nozzle life, increases processing speed and reduces process water consumption.

IPC 1-7

**D06M 15/53**

IPC 8 full level

**D06M 15/53** (2006.01)

CPC (source: EP)

**D06M 15/53** (2013.01)

Citation (search report)

- [A] DE 1815361 A1 19700702 - HOECHST AG
- [A] FR 2114807 A5 19720630 - HOECHST AG, et al
- [A] GB 1175027 A 19691223 - BAYER AG [DE]

Cited by

US11486087B2; WO2019086322A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0327091 A2 19890809; EP 0327091 A3 19910508**

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