Title (en)
YARN FROM CORE-SKIN FILAMENTS AND PROCESS FOR ITS PREPARATION

Publication
EP 0398221 B1 19930623 (DE)

Application
EP 90109044 A 19900514

Priority
- DE 3915819 A 19890516
- DE 3926246 A 19890809

Abstract (en)
[origin: EP0398221A1] Yarn made from core-skin threads and possibly other single-component threads, in which the core and the skin of the core-skin threads are manufactured by extruding spinnable polymers, and at least approximately all core-skin threads have a complete skin, characterized in that the fraction of core-skin threads, A in %, of all core-skin threads in the yarn in which the fraction of skin in each core-skin thread is equal to (M +/- 0.1 M) % of the total volume of the corresponding core-skin thread, simultaneously satisfies the following conditions: A </= 100; M >/= 0.5; A >/= 30 + (0.1 M)<8>. In a process for manufacturing this yarn, the core component is fed through a first spinning nozzle plate to a second spinning nozzle plate in several individual streams. The skin component is fed between the first and second spinning nozzles plates to each individual core-component stream, around which it flows. Both components are spun together, drawn and wound off. The skin component is subjected to a flow resistance at least around the region of the individual streams of the core component. A knitted wire mesh is a particularly suitable flow resistance.

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IPC 8 full level
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CPC (source: EP KR)
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Cited by
US5447794A; EP0582904A3; CN107956127A; US5445884A; US5464676A; EP0574772A1; US6242095B1; WO2005066399A1

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