

Title (en)
SPINNERETTE PACKET FOR BICOMPONENT FIBRES HAVING A SKIN-CORE STRUCTURE

Publication
EP 0284784 B1 19911113 (DE)

Application
EP 88102885 A 19880226

Priority
DE 3710946 A 19870401

Abstract (en)
[origin: US4846653A] The package of spinning nozzles is assembled of a nozzle plate, an intermediate plate and a cover plate. The upper side of the nozzle plate is provided with a plurality of parallel grooves each having a bottom wall formed with a series of spinning nozzles. The lower side of the intermediate plate is formed with a plurality of lamellae projecting into the corresponding grooves of the nozzle plate. Each lamella has a series of throughbores which are aligned with respective spinning nozzles. The intermediate plate is formed with a transverse main distributing channel which communicates at opposite sides thereof with distributing branch channels extending between the lamellae and being delimited by the upper side of the nozzle plate. The distributing branch channels communicate with respective spinning nozzles via curved recesses formed in the lateral walls of the grooves. The bottom side of the cover plate is formed with a dome-shaped recess enclosing the inlets of the through-bores in the intermediate plate. The recess is provided with an inlet for the core component of the extruded filaments and with another inlet for receiving a tubular conduit communicating with the transverse main distributing channel to supply the sheath component therein.

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D01D 5/34

IPC 8 full level
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EP 0284784 A2 19881005; EP 0284784 A3 19891129; EP 0284784 B1 19911113; AT E69470 T1 19911115; DE 3710946 A1 19881013; DE 3866145 D1 19911219; JP H0347324 B2 19910719; JP S63256709 A 19881024; US 4846653 A 19890711

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