

Title (en)
SPINNERETTE ASSEMBLY FOR FORMING HOLLOW FIBERS

Title (de)
SPINNVERRICHTUNG ZUR HERSTELLUNG VON HOHLFASERN

Title (fr)
ENSEMBLE DE FILIERE DESTINE A FORMER DES FIBRES CREUSES

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Abstract (en)
[origin: WO02066715A1] The invention provides a spinnerette assembly (300) for forming single component and multicomponent hollow fibers of the sheath/core type. The spinnerette assembly contains an extrusion orifice (355) and a core forming material passage (350) in communication with the extrusion orifice (355). A hollow needle (330) extends through the extrusion orifice in a concentric manner to define an annular passage (353) surrounding the needle (330). The core forming material passage (350) includes a core forming material inlet port (351) extending from a surface of the spinnerette assembly to an anterior of the assembly and a transverse passage (352) extending from the core forming material port to the annular passage surrounding the needle. A bore forming fluid passage (312; 314) communicates with the interior of the needle. The spinnerette assembly for multicomponent hollow fibers contains at least one sheath forming material passage also in communication with the extrusion orifice.

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