

Title (en)
SPINNERET ASSEMBLY FOR MULTI-INGREDIENT COMPOSITE FIBERS

Publication
EP 0104081 B1 19890125 (EN)

Application
EP 83305519 A 19830920

Priority
JP 16224182 A 19820920

Abstract (en)
[origin: EP0104081A2] A spinneret assembly for spinning multi-ingredient composite fibers, each of which has a large number of core ingredients finely dispersed in an intervening ingredient, includes at least three kinds of elements W, X and Z. A first element W has at least a composite stream forming region 10 in which two separately guided polymer streams I and II are joined, and channels (4, 5, 7) and (9) respectively for the two polymer streams I and II. A second element X has a stationary type dividing device II. A third element Z has a converging portion 12 and a nozzle orifice 13 discharging the resultant composite stream to form a multi-ingredient composite fiber. From the fibers thus produced, extremely fine filaments are obtained by dissolving the ingredients other than core ingredients,

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D01D 5/36

IPC 8 full level
D01D 5/36 (2006.01)

CPC (source: EP)
D01D 5/36 (2013.01)

Cited by
US5551588A; CN114293270A; CN116334780A; CN104797748A; EP2921576A4; US5344297A; US5162074A; EP0361191A3; US5059482A; KR20140128960A; US6858168B1; TWI633216B; EP2821533B1

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