

Title (en)  
THREAD TEXTURISING NOZZLE

Publication  
**EP 0123072 B1 19870909 (EN)**

Application  
**EP 84102260 A 19810312**

Priority  
US 13608880 A 19800331

Abstract (en)  
[origin: EP0123829A1] A texturising nozzle for synthetic filaments is openable and closable to facilitate lacing up. The nozzle comprises a two-part carrier structure with the parts (10, 12) movable towards and away from each other to open and close the nozzle. The thread path through the nozzle is defined by means of insert elements (18, 20) releasably mounted on the carrier structure at least in that region of the path in which the main texturising step is performed. A thread infeed passage (24) and a (preferably single) fluid infeed passage bring thread and treatment fluid together at a junction location, and a guide passage (26) (which preferably widens in the downstream direction) leads the thread and fluid from the junction location to the texturising region (28).

IPC 1-7  
**D02G 1/16**

IPC 8 full level  
**D02G 1/16** (2006.01); **D02J 1/00** (2006.01)

CPC (source: EP)  
**D02G 1/161** (2013.01)

Cited by  
US6076345A; US4724588A; US4691947A; DE10302079B4; DE29701559U1; CN109312505A; US6085395A; US6094790A; US6119320A; EP0784109A2; US6442923B1

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**EP 0123829 A1 19841107; EP 0123829 B1 19870311**; AT E15507 T1 19850915; BR 8101933 A 19811006; CA 1160808 A 19840124; DE 3172185 D1 19851017; EP 0039763 A2 19811118; EP 0039763 A3 19820310; EP 0039763 B1 19850911; EP 0123072 A1 19841031; EP 0123072 B1 19870909; ES 501395 A0 19820816; ES 8206681 A1 19820816; IN 152884 B 19840428; JP H0244927 B2 19901005; JP S56148928 A 19811118; JP S63288240 A 19881125; JP S63288241 A 19881125; JP S6410611 B2 19890222; JP S6410612 B2 19890222

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**EP 84102261 A 19810312**; AT 81101805 T 19810312; BR 8101933 A 19810331; CA 374188 A 19810330; DE 3172185 T 19810312; EP 81101805 A 19810312; EP 84102260 A 19810312; ES 501395 A 19810331; IN 344CA1981 A 19810328; JP 10285388 A 19880427; JP 10285488 A 19880427; JP 4567781 A 19810330