

Title (en)  
TEXTURING NOZZLE AND METHOD FOR TEXTURING A FILAMENT YARN

Title (de)  
TEXTURIERDÜSE UND VERFAHREN ZUM TEXTURIEREN VON ENDLOSGARN

Title (fr)  
BUSE DE TEXTURATION ET PROCEDE DE TEXTURATION DE FIL CONTINU

Publication  
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Application  
**EP 03816423 A 20030328**

Priority  
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Abstract (en)  
[origin: WO2004085722A1] The invention relates to a method for texturing a filament yarn by means of a texturing nozzle having a continuous yarn channel into which pressurized air of more than 4 bar is injected in the direction of yarn transport. At the outlet end, the yarn channel is enlarged at an enlargement angle of more than 10 DEG , preferably in a conical manner, to produce a supersonic flow. The invention also relates to a texturing nozzle for texturing a filament yarn. Said nozzle comprises a continuous yarn channel with an inlet end, a center, preferably cylindrical portion having an air injection bore, and a preferably conical outlet end having an enlargement angle of more than 10 DEG , however less than 40 DEG .

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