

Title (en)  
Process and apparatus for forming fibers.

Title (de)  
Verfahren und Apparat zum Formen von Fasern.

Title (fr)  
Procédé et appareil pour former des fibres.

Publication  
**EP 0401829 A2 19901212 (EN)**

Application  
**EP 90110818 A 19900607**

Priority  
US 36273789 A 19890607

Abstract (en)  
An apparatus (10) for forming a nonwoven web (26) from a fiber forming thermoplastic polymer resin which includes a reservoir (12) for supplying a quantity of melted fiber forming thermoplastic resin, a pump (14) for pumping the molten resin to a fiber forming die (16) and a die for forming a discrete resin stream to flow therefrom. The die includes a first fluid passageway (20) for forming a stream of fluid, such as air, in contact with and substantially surrounding the formed flow of resin for a predetermined distance within the die (16) and an interrupt system (18) for selectively cycling the flow of resin on and off and clearing the resin from the fiber forming die (16). A receiving belt (21) collects the fibers (22) formed from the resin flow below the first fluid passageway (20) spaced at a predetermined distance (A') from the die (16).

IPC 1-7  
**D01D 4/02; D01D 5/08; D04H 3/03**

IPC 8 full level  
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CPC (source: EP KR)  
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