

Title (en)  
PROCESS AND DEVICE FOR THE PREPARATION OF SYNTHETIC FIBRES

Publication  
**EP 0086426 B1 19880203 (DE)**

Application  
**EP 83101131 A 19830207**

Priority  
DE 3205645 A 19820217

Abstract (en)  
[origin: US4446089A] A melt of synthetic material is forced through orifices of a die plate, and the resulting strands of melt are led into a trough, where they travel in counter-current to a stream of cooling water. At the end of the trough, the strands are discharged, for further processing. The bottom of the trough merges into a vertical pipe and the melt strands are led into this pipe and out again, in a variable loop, in order to obtain the desired length of cooling path.

IPC 1-7  
**D01D 5/088**; **D01D 13/00**

IPC 8 full level  
**D01F 6/00** (2006.01); **D01D 5/088** (2006.01); **D01D 13/00** (2006.01)

CPC (source: EP US)  
**D01D 5/0885** (2013.01 - EP US); **D01D 13/00** (2013.01 - EP US)

Cited by  
US5984655A; EP0832995A3; CN105603550A; WO9619598A3

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DOCDB simple family (publication)  
**EP 0086426 A2 19830824**; **EP 0086426 A3 19851211**; **EP 0086426 B1 19880203**; DE 3205645 A1 19830825; DE 3375591 D1 19880310; JP H0246686 B2 19901017; JP S58144107 A 19830827; US 4446089 A 19840501

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**EP 83101131 A 19830207**; DE 3205645 A 19820217; DE 3375591 T 19830207; JP 1003883 A 19830126; US 46174483 A 19830128