

Title (en)  
SPINNING SYSTEM

Publication  
**EP 0245390 B1 19900307 (DE)**

Application  
**EP 86906770 A 19861114**

Priority  
DE 3540757 A 19851116

Abstract (en)  
[origin: WO8703017A1] A spinning system for the production of monofilament yarn comprises a spinning tool (40) and a channel section (4') for a polymer melt (2). The channel section (4') expands widthwise into a channel portion (41, 42) of the spinning tool (40) and opens into a flow channel (43) with the shape of a flattened U and connected to a group of nozzles (59). The area of the cross section (44; 44'; 44'') of the flow channel (43) is thus increased normal to its width at least in the upper part of the channel section (4') for the polymer and the flow channel (43) is kept free from incrustations.

IPC 1-7  
**D01D 4/00; D01D 4/06**

IPC 8 full level  
**D01D 1/06** (2006.01); **D01D 4/00** (2006.01); **D01D 4/06** (2006.01); **D01D 4/08** (2006.01)

CPC (source: EP US)  
**D01D 1/06** (2013.01 - EP US); **D01D 4/06** (2013.01 - EP US); **D01D 4/08** (2013.01 - EP US)

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**DE 3540757 A1 19870521; DE 3540757 C2 19871105**; DE 3669330 D1 19900412; EP 0245390 A1 19871119; EP 0245390 B1 19900307; US 4875846 A 19891024; WO 8703017 A1 19870521

DOCDB simple family (application)  
**DE 3540757 A 19851116**; DE 3669330 T 19861114; DE 8600467 W 19861114; EP 86906770 A 19861114; US 8608187 A 19870828