

Title (en)  
SPINNING DEVICE

Publication  
**EP 0271801 B1 19920325 (DE)**

Application  
**EP 87118105 A 19871208**

Priority  
DE 3642867 A 19861216

Abstract (en)  
[origin: US4801257A] A melt spinning apparatus is disclosed wherein the spinning head is inserted in an upward manner from beneath into the lower end of a vertically extending opening in a heater box. Upwardly directed air currents are avoided in the vertically extending opening by providing a metallic contact, in the form of supporting and locking strips, between the heating box and the spinning head. The supporting and locking strips provide for the easy removal and insertion of the spinning head into and out of the heating box from beneath. The upper end of the spinning head is closed, and the internal walls of the vertically extending opening in the heater box and the external walls of adjacent spinning head are provided with internal contact surfaces which collectively define horizontal channels. The supporting and locking strips are positioned in the channels, and they include corresponding supporting surfaces engaging the contact surfaces of the spinning head and the heating box, for supporting the spinning head in the heating box, and for permitting easy removal of the spinning head from the heating box in a downward direction.

IPC 1-7  
**D01D 4/02**; **D01D 4/08**

IPC 8 full level  
**D01D 4/02** (2006.01); **D01D 4/08** (2006.01)

CPC (source: EP US)  
**D01D 4/02** (2013.01 - EP US); **D01D 4/08** (2013.01 - EP US); **Y10T 403/597** (2015.01 - EP US); **Y10T 403/598** (2015.01 - EP US)

Cited by  
CN101935887A; EP0722003A2

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0271801 A2 19880622**; **EP 0271801 A3 19890906**; **EP 0271801 B1 19920325**; DE 3642867 A1 19880630; DE 3777775 D1 19920430; ES 2030418 T3 19921101; US 4801257 A 19890131

DOCDB simple family (application)  
**EP 87118105 A 19871208**; DE 3642867 A 19861216; DE 3777775 T 19871208; ES 87118105 T 19871208; US 13343187 A 19871215