

Title (en)

DRAWING DEVICE AND METHOD FOR PRODUCING DRAWN SYNTHETIC FILAMENTS

Title (de)

VERSTRECKVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VERSTRECKTER KUNSTSTOFFFILAMENTE

Title (fr)

DISPOSITIF D'ETIRAGE ET PROCEDE POUR LA FABRICATION DE FILAMENTS SYNTHETIQUES ETIRES

Publication

EP 0961844 A1 19991208 (DE)

Application

EP 98904144 A 19980126

Priority

- DE 19705113 A 19970212
- EP 9800412 W 19980126

Abstract (en)

[origin: DE19705113A1] The invention relates to a drawing device and a method for the production of drawn synthetic filaments (2, 3), comprising a spinning device (1) and pulling-off device (10) with pneumatic means for producing a traction force on the synthetic filaments (2, 3), wherein a heating device (5) with a heating-medium flow (8) guided in counterflow to the synthetic filaments (2, 3) is placed between the spinning device (1) and the pulling-off device (10).

IPC 1-7

D01D 5/098; **D01D 5/084**; **D01D 5/088**; **D04H 3/16**

IPC 8 full level

D01D 5/084 (2006.01); **D01D 5/098** (2006.01); **D01D 11/00** (2006.01); **D04H 3/16** (2006.01)

CPC (source: EP)

D01D 5/084 (2013.01); **D01D 5/098** (2013.01); **D04H 1/4291** (2013.01); **D04H 1/4334** (2013.01); **D04H 1/435** (2013.01); **D04H 3/007** (2013.01); **D04H 3/009** (2013.01); **D04H 3/011** (2013.01); **D04H 3/16** (2013.01)

Citation (search report)

See references of WO 9836110A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19705113 A1 19980813; **DE 19705113 C2 19990429**; BR 9807833 A 20000222; CA 2280872 A1 19980820; CN 1247578 A 20000315; EP 0961844 A1 19991208; JP 2000509770 A 20000802; WO 9836110 A1 19980820

DOCDB simple family (application)

DE 19705113 A 19970212; BR 9807833 A 19980126; CA 2280872 A 19980126; CN 98802490 A 19980126; EP 9800412 W 19980126; EP 98904144 A 19980126; JP 53527798 A 19980126