

Title (en)

Heating device for a running yarn

Title (de)

Heizkörper für einen laufenden Faden

Title (fr)

Dispositif de chauffage pour un fil en mouvement

Publication

EP 0796935 A3 20040616 (DE)

Application

EP 97107164 A 19930211

Priority

- DE 4218809 A 19920606
- DE 4222631 A 19920710
- DE 4228129 A 19920825
- DE 4232066 A 19920924
- DE 4233731 A 19921007
- DE 4237092 A 19921103
- EP 93903163 A 19930211

Abstract (en)

[origin: WO9325738A1] The invention concerns a heater (1) for a moving thermoplastic yarn which is passed along a heated surface over annular segments (2). The heat flow to the yarn can be controlled by modifying the geometrical heat-transfer parameters.

IPC 1-7

D02J 13/00

IPC 8 full level

D02G 1/02 (2006.01); **D02G 1/08** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP)

D02J 13/00 (2013.01)

Citation (search report)

- [DA] EP 0412429 A2 19910213 - BARMAG BARMER MASCHF [DE]
- [A] DE 3435427 A1 19850425 - BARMAG BARMER MASCHF [DE]
- [A] US 4027467 A 19770607 - SMITH JOSEPH F

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CN106192105A

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

WO 9325738 A1 19931223; DE 59307740 D1 19980108; EP 0602190 A1 19940622; EP 0602190 B1 19971126; EP 0796935 A2 19970924; EP 0796935 A3 20040616; ES 2109476 T3 19980116; JP 3430244 B2 20030728; JP H07501366 A 19950209; KR 970009802 B1 19970618; RU 2101400 C1 19980110; RU 94030381 A 19960727; UA 26999 C2 20000228

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DE 9300118 W 19930211; DE 59307740 T 19930211; EP 93903163 A 19930211; EP 97107164 A 19930211; ES 93903163 T 19930211; JP 50100494 A 19930211; KR 19940700371 A 19940204; RU 94030381 A 19930211; UA 94005353 A 19930211