

Title (en)

Heater for heating moving yarns

Title (de)

Heizeinrichtung zum Erhitzen eines laufenden Fadens

Title (fr)

Dispositif de chauffage pour chauffer un fil en mouvement

Publication

EP 0731197 B1 19990512 (DE)

Application

EP 96102829 A 19960226

Priority

- DE 19508519 A 19950310
- DE 19530360 A 19950818

Abstract (en)

[origin: EP0731197A1] A running yarn (7) is heated in a groove (2) on whose opposing walls (4,5) are several yarn guides (6) which give the yarn (7) a zig-zag path. The yarn guides (6) are formed by raised positions (6.1,6.2) of metal strips (3.1,3.2) supported by the walls (4,5). Opposing raised portions (6.1,6.2) are staggered relative to each other.

IPC 1-7

D02J 13/00

IPC 8 full level

D02J 13/00 (2006.01)

CPC (source: EP KR US)

D02J 1/22 (2013.01 - KR); **D02J 13/00** (2013.01 - EP US); **D02J 13/001** (2013.01 - EP US)

Cited by

US6479799B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0731197 A1 19960911; **EP 0731197 B1 19990512**; CN 1066218 C 20010523; CN 1137581 A 19961211; DE 59601849 D1 19990617; KR 100382095 B1 20030718; KR 960034500 A 19961022; TW 422219 U 20010211; US 5628176 A 19970513

DOCDB simple family (application)

EP 96102829 A 19960226; CN 96102741 A 19960308; DE 59601849 T 19960226; KR 19960005923 A 19960307; TW 89200291 U 19960308; US 61266896 A 19960308