

Title (en)

HEATING APPARATUS FOR FILAMENTS, YARNS, TEXTILE FABRICS OR WEBS OF PLASTIC MATERIAL

Publication

**EP 0345720 A3 19901122 (DE)**

Application

**EP 89110197 A 19890606**

Priority

DE 8807478 U 19880609

Abstract (en)

[origin: EP0345720A2] A heating apparatus for filaments, yarns, textile fabrics or webs of plastic has, in a carrier body arranged behind the guide surface (1) for the article (4) to be treated, a plurality of heat tubes (6) which are arranged parallel to one another and are heated by a common heating device (7) or a plurality of individual heating devices (7) and which ensure uniform heat distribution over the entire width of the guide surface. <IMAGE>

IPC 1-7

**D02J 13/00**

IPC 8 full level

**D02J 13/00** (2006.01); **F28D 15/02** (2006.01)

CPC (source: EP)

**D02J 13/00** (2013.01); **F28D 15/02** (2013.01)

Citation (search report)

- [X] FR 2163696 A1 19730727 - TOKUSHU ELECTRIC CO LTD, et al
- [AD] FR 2021482 A1 19700724 - BARMAG BARMER MASCHF
- [AD] US 2920176 A 19600105 - JORGENSEN LESTER V

Cited by

WO2012041626A1

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

**EP 0345720 A2 19891213**; **EP 0345720 A3 19901122**; **EP 0345720 B1 19931201**; DE 58906279 D1 19940113; DE 8807478 U1 19891005; JP H0241435 A 19900209

DOCDB simple family (application)

**EP 89110197 A 19890606**; DE 58906279 T 19890606; DE 8807478 U 19880609; JP 14430889 A 19890608