

Title (en)

Roller for transporting, guiding and heating a travelling synthetic yarn

Title (de)

Galette zum Fördern, Führen und Erhitzen eines laufenden synthetischen Fadens

Title (fr)

Galette de transport, de guidage et de chauffage d'un fil synthétique en mouvement

Publication

**EP 0854216 B1 20020522 (DE)**

Application

**EP 98100298 A 19980109**

Priority

DE 19701734 A 19970120

Abstract (en)

[origin: EP0854216A1] A heated roller to guide and feed a moving synthetic filament has a radiant heater (6) as a heating coil (19) radially round the carrier (4) at a gap from the roller mantle (1). The coil (19) has a number of windings (26) with unequal gaps between them.

IPC 1-7

**D02J 13/00**

IPC 8 full level

**D02J 1/22** (2006.01); **D01D 5/06** (2006.01); **D02J 13/00** (2006.01); **H05B 3/44** (2006.01); **H05B 3/46** (2006.01)

CPC (source: EP US)

**D02J 13/005** (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US); **H05B 3/46** (2013.01 - EP US)

Cited by

CN102560798A; EP1126061A3; US6893243B2; WO02055772A1

Designated contracting state (EPC)

BE CH DE FR IT LI

DOCDB simple family (publication)

**EP 0854216 A1 19980722**; **EP 0854216 B1 20020522**; CN 1190680 A 19980819; DE 59804164 D1 20020627; JP H10212635 A 19980811; US 6133553 A 20001017

DOCDB simple family (application)

**EP 98100298 A 19980109**; CN 98104279 A 19980119; DE 59804164 T 19980109; JP 781398 A 19980119; US 903398 A 19980120