

Title (en)

Apparatus for heating synthetic yarns.

Title (de)

Vorrichtung zum Heizen synthetischen Garne.

Title (fr)

Dispositif pour le chauffage des fils synthétiques.

Publication

EP 0607799 A1 19940727 (EN)

Application

EP 94100099 A 19940105

Priority

JP 2371293 A 19930119

Abstract (en)

Heating apparatus with high corrosion resistance, good molding characteristics and even distribution of temperature is proposed. In a heating apparatus, which is heated at a temperature higher than 250°C and which is disposed upstream a twisting device for heat setting twists imparted into a synthetic yarn by the twisting device and run back along the yarn while the heating apparatus is in a substantially non-contacting condition with the yarn running there-through, the a material of a heating plate of the heating apparatus is a copper alloy, the copper content of which is at least 60%, and the aluminum content of which is at least 3%. <IMAGE>

IPC 1-7

D02J 13/00

IPC 8 full level

D02G 1/02 (2006.01); **C22C 9/01** (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01); **D06B 15/00** (2006.01)

CPC (source: EP)

D02J 13/001 (2013.01)

Citation (search report)

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- [A] EP 0469763 A1 19920205 - RIETER SCRAGG LTD [GB]

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CN102358969A; CN104120498A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0607799 A1 19940727; **EP 0607799 B1 19980401**; CN 1038861 C 19980624; CN 1098452 A 19950208; DE 69409267 D1 19980507; DE 69409267 T2 19981105; IN 180971 B 19980411; JP 2002146640 A 20020522; JP 3300771 B2 20020708; JP 3579665 B2 20041020; JP H06272124 A 19940927; KR 100231865 B1 19991201; KR 940018500 A 19940818; MY 111642 A 20001031; TW 259821 B 19951011

DOCDB simple family (application)

EP 94100099 A 19940105; CN 94101100 A 19940118; DE 69409267 T 19940105; IN 1CA1994D A 19940103; JP 2001343674 A 20011108; JP 35053393 A 19931230; KR 19940000178 A 19940106; MY PI19940080 A 19940112; TW 83100243 A 19940113