

Title (en)
METHOD AND APPARATUS FOR CONTINUOUSLY CRIMPING THERMOPLASTIC YARNS

Publication
EP 0310890 B1 19911204 (DE)

Application
EP 88115686 A 19880923

Priority
CH 387487 A 19871005

Abstract (en)
[origin: JPH01124643A] PURPOSE: To provide a method for continuously and efficiently crimping thermoplastic filaments by discharging a heating medium out of all parts of a filament bundle, held by 2 ring-shaped walls as the air passages on a wheel. CONSTITUTION: This method continuously crimps thermoplastic filaments by an apparatus, equipped with 2 ring-shaped walls as the air passages apart from each other on a wheel 5 in a stuffing chamber 3, into which a filament bundle 2 is blown by a jet nozzle in a tangential direction over the wheel. The crimped filament bundle is delivered to a suction drum as the transfer element in a delivery zone C.

IPC 1-7
D02G 1/12

IPC 8 full level
D02G 1/12 (2006.01); **D02G 1/16** (2006.01)

CPC (source: EP KR US)
D02G 1/12 (2013.01 - KR); **D02G 1/122** (2013.01 - EP US)

Cited by
US6076345A; US5755086A; EP0571322A1; US5365644A; US5653010A; CH689040GA3; EP0784109A2; US6192667B1; US6442923B1; EP0718424A2; US6085395A; US6094790A; US6119320A; EP0571323A1; US5375311A; US2017175300A1; US10081886B2; CN112626629A; WO9411551A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0310890 A1 19890412; **EP 0310890 B1 19911204**; CN 1014728 B 19911113; CN 1033849 A 19890712; DE 3866664 D1 19920116; JP 2688428 B2 19971210; JP H01124643 A 19890517; KR 890006862 A 19890616; KR 960008493 B1 19960626; US 4877570 A 19891031; US 4974302 A 19901204

DOCDB simple family (application)
EP 88115686 A 19880923; CN 88106897 A 19880921; DE 3866664 T 19880923; JP 23510288 A 19880921; KR 880012927 A 19881004; US 25181788 A 19881003; US 36346789 A 19890609