

Title (en)
METHOD AND APPARATUS FOR THE TREATMENT OF A FIBRE TOW

Publication
EP 0276704 A3 19891129 (DE)

Application
EP 88100540 A 19880116

Priority
DE 3702543 A 19870129

Abstract (en)
[origin: JPS6420338A] PURPOSE: To provide the subject device capable of reducing radiation heat with almost no energy consumption by crimping a fiber cable, treating the crimped cable on a gas permeable screen plate during carrying the cable and taking out the treated crimped cake from the treating device. CONSTITUTION: This method for treating a fiber cable is to crimp the fiber cable, treat the crimped fiber cable on a gas permeable screen plate during traveling the cable and take out the treated crimped cake from a treating device. A gas flow 6 which flows from a crimping device to the treating device is fed back to a pass 10 through a pipe 9 via a food 7, a duct 8, a heat exchanger, etc., and blown onto a screen plate with a circulating flow. The crimped cake 4 is transported through a treating area, then taken out from an opening 14 with a partial flow of the treating gas.

IPC 1-7
D02G 1/20

IPC 8 full level
D02G 1/12 (2006.01); **D02G 1/20** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)
D02G 1/205 (2013.01 - EP US)

Citation (search report)
• [AD] DE 3308657 A1 19840920 - BAYER AG [DE]
• [A] US 3529447 A 19700922 - FLEISSNER HEINZ, et al

Designated contracting state (EPC)
DE ES FR GB IT

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EP 0276704 A2 19880803; EP 0276704 A3 19891129; EP 0276704 B1 19920422; DE 3702543 A1 19880811; DE 3870263 D1 19920527; ES 2030766 T3 19921116; IE 61022 B1 19940907; IE 880232 L 19880729; JP S6420338 A 19890124; US 4854020 A 19890808

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