

Title (en)

PROCESS AND APPARATUS FOR CRIMPING FIBERS

Publication

**EP 0506681 A4 19921202 (EN)**

Application

**EP 90917071 A 19901031**

Priority

- CA 2071984 A 19901031
- US 9006312 W 19901031

Abstract (en)

[origin: WO9207981A1] An apparatus for crimping and permanently heat setting an inorganic or polymeric precursor fiber (18) comprising a mechanical crimping means (13), a conveying means (11) which receives the crimped fiber (18), and a heating or irradiation zone (16A, 16B) through which the conveying means (11) and fiber (18) pass without applying stress or tension to the fiber.

IPC 1-7

**D02G 1/00**; **D02G 1/14**; **D02G 1/08**; **D02J 1/00**

IPC 8 full level

**D01F 9/21** (2006.01); **D01F 9/22** (2006.01); **D01F 9/30** (2006.01); **D02G 1/00** (2006.01); **D02G 1/20** (2006.01)

CPC (source: EP)

**D01F 9/21** (2013.01); **D01F 9/22** (2013.01); **D01F 9/30** (2013.01); **D02G 1/00** (2013.01); **D02G 1/205** (2013.01)

Citation (search report)

- [X] US 2669001 A 19540216 - ROLLIN KEEN WILLIAM
- [A] US 4868037 A 19890919 - MCCULLOUGH JR FRANCIS P [US], et al
- See references of WO 9207981A1

Designated contracting state (EPC)

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**WO 9207981 A1 19920514**; CA 2071984 A1 19920501; EP 0506681 A1 19921007; EP 0506681 A4 19921202

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