

Title (en)
Method for continuous production of carbon fiber using calcining furnace.

Title (de)
Verfahren zur kontinuierlichen Herstellung von Kohlenstoffasern mittels Kalzinierofen.

Title (fr)
Méthode pour la production continue de fibres de carbone dans un four à calciner.

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Application
EP 92108855 A 19920526

Priority
JP 22542191 A 19910528

Abstract (en)
1. A method for continuously producing carbon fiber which comprises (1) using a horizontal calcining furnace comprising (i) a heating chamber comprising an inlet introducing fiber to be carbonized and an outlet for carbon fiber produced, at least one inlet introducing an inert gas, and at least one outlet discharging decomposition gas formed from calcining the fiber in the heating chamber, and (ii) at least one gas sealing chamber which is provided at at least one of the fiber inlet and the fiber outlet to and from the heating chamber, and said sealing chamber further comprising an inlet introducing an inert gas; and (2) maintaining pressure within the sealing chamber at a pressure value greater than each of the pressure within the heating chamber and atmospheric pressure. <IMAGE>

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IPC 8 full level
F27B 9/30 (2006.01); **D01F 9/12** (2006.01); **D01F 9/32** (2006.01); **F26B 13/00** (2006.01); **F27D 7/06** (2006.01)

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D01F 9/32 (2013.01); **F26B 13/005** (2013.01)

Citation (search report)
• [A] FR 2543982 A1 19841012 - TOHO BESLON CO [JP]
• [A] US 4301136 A 19811117 - YAMAMOTO RYUICHI, et al
• [A] US 4268977 A 19810526 - GEIGER JOSEPH T

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