

Title (en)

Rapid stabilization process for carbon fiber precursors.

Title (de)

Verfahren zur schnellen Stabilisierung von Kohlenstoffasern-Vorläufern.

Title (fr)

Procédé de stabilisation rapide pour précurseurs de fibres de carbone.

Publication

EP 0154175 A2 19850911 (EN)

Application

EP 85101144 A 19850204

Priority

US 58710084 A 19840307

Abstract (en)

Carbon fiber precursors are stabilized regarding their mechanical properties by conducting the stabilization procedure in at least two steps, the first at a temperature at which the maximum plasticity of the polymer is attained while stretching the fiber 10-50% and the second at 200 DEG -300 DEG C, but higher than the first.

IPC 1-7

D01F 9/22

IPC 8 full level

D01F 9/22 (2006.01)

CPC (source: EP)

D01F 9/225 (2013.01)

Designated contracting state (EPC)

BE DE FR GB SE

DOCDB simple family (publication)

EP 0154175 A2 19850911; EP 0154175 A3 19890503; JP S60209019 A 19851021

DOCDB simple family (application)

EP 85101144 A 19850204; JP 4135885 A 19850304