

Title (en)

PROCESS AND DEVICE FOR COOLING MELT-EXTRUDED FILAMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABKÜHLEN SCHMELZGESPONNENER FILAMENTE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE REFROIDIR DES FILAMENTS FILES EN FUSION

Publication

**EP 0752020 B1 20000524 (DE)**

Application

**EP 96900839 A 19960117**

Priority

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- DE 19501826 A 19950121

Abstract (en)

[origin: US5766533A] PCT No. PCT/DE96/00089 Sec. 371 Date Dec. 2, 1996 Sec. 102(e) Date Dec. 2, 1996 PCT Filed Jan. 17, 1996 PCT Pub. No. WO96/22409 PCT Pub. Date Jul. 25, 1996 For the cooling of melt-extruded filaments of fiber-forming polymers spun from nozzle in molten form, said filaments are exposed to a medium prepared in foam form. The filaments emerging from the spinning nozzle are taken to the cooling area through said foam before passing on to a further process. The cooling medium, consisting of a liquid, is prepared by the addition of a gas.

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