

Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF STAPLE FIBERS FROM MELT-SPUN HOLLOW FIBERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON STAPELFASERN AUS SCHMELZGESPONNENEN HOHLFASERN

Title (fr)

PROCEDE ET DISPOSITIF POUR REALISER DES FIBRES DISCONTINUES A PARTIR DE FIBRES CREUSES FILEES A CHAUD

Publication

EP 1937877 A2 20080702 (DE)

Application

EP 06806249 A 20061013

Priority

- EP 2006009896 W 20061013
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Abstract (en)

[origin: WO2007042311A2] Disclosed are a method and a device for producing staple fibers from melt-spun hollow fibers. In order to be able to produce said staple fibers with as little complexity as possible regarding the equipment, the hollow fibers are guided in a continuous fiber flow from the melt-spinning process to the cutting process, the hollow fibers being extruded through a ring segment-shaped nozzle port that has an outer diameter ranging from 0.2 to 0.8 mm and a maximum hollow proportion of 60 percent, preferably 40 percent, during melt-spinning of a polymer melt.

IPC 8 full level

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