

Title (en)

APPARATUS AND METHOD FOR MAKING LOGS FROM HIGHLY ORIENTED FLASH-SPUN CONTINUOUS FIBERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON STRÄNGEN AUS HOCHORIENTIERTEN FLASH-GESPONNENEN KONTINUIERLICHEN FASERN

Title (fr)

PROCEDE ET APPAREIL DE FABRICATION DE RONDINS A PARTIR DE FIBRES CONTINUES FILEES PAR FILAGE ECLAIR ET HAUTEMENT ORIENTEES

Publication

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Application

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Priority

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- US 28760694 A 19940809
- US 28760294 A 19940809

Abstract (en)

[origin: WO9605339A1] This invention relates to making backwindable rod shaped batts or logs from highly oriented flash-spun continuous fibers. The fibers are conducted from the exit of a spinneret (91) through a tunnel (92) and into a two stage diverging nozzle (120) to slow down the fibers for an organized collection in the collection section (150). The invention further includes an inflatable bladder (185) in a discharge section (181) for initiating the formation of the log and a mesh screen (155) in the collection section (150) for reducing the occurrence of fiber blow out through the gas discharge ports (152).

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