

Title (en)
TOW AND PROCESS OF MAKING

Title (de)
FADENBÜNDEL UND VERFAHREN ZUR DESSEN HERSTELLUNG

Title (fr)
CABLE DE FILAMENTS ET SON PROCEDE DE FABRICATION

Publication
EP 1183410 B1 20060719 (EN)

Application
EP 00928918 A 20000509

Priority
• US 0012554 W 20000509
• US 13339499 P 19990510

Abstract (en)
[origin: WO0068476A1] A three-dimensionally crimped spreadable continuous filament tow band is made by extruding polymers through a capillary, spinning the extruded polymers into filaments to form fibers, quenching the fibers, grouping the quenched fibers together to form two or more separate ropes, drawing the separate ropes simultaneously to form flat ribbons, stacking the flat ribbons on top of each other to form a single uniform tow band, and removing tension from the band. The batting produced by deregistering and spreading the tow band uniformly is useful, for example, to make filled articles, such as sleeping bags, duvets, and pillows.

IPC 8 full level
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